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HOSEA WATERER'S SEED CATALOGUE



1919

HOSEA WATERER
SEEDSMAN AND BULB IMPORTER
107-109 SOUTH SEVENTH STREET
PHILADELPHIA

BELL PHONE: WALNUT 1243

WAREHOUSE: 615 SANSOM STREET

KEYSTONE PHONE: MAIN 1545

1919 - ANNUAL CATALOGUE - 1919

SEEDS, PLANTS BULBS, GARDEN TOOLS FERTILIZERS AND INSECTICIDES

IN presenting my ANNUAL CATALOGUE FOR 1919, I do so with every confidence as to the high quality of the SEEDS, PLANTS, BULBS and SUNDRIES which I offer.

ALL goods offered by me are of the very highest grade obtainable, and my prices are fixed at the very lowest rates consistent with superior quality.

FROM those who have not hitherto favored me with an order I respectfully solicit a trial, which I am confident will lead to further business.

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**HOSEA WATERER
SEEDSMAN AND BULB IMPORTER
107-109 SOUTH SEVENTH STREET
PHILADELPHIA**

**BELL PHONE: WALNUT 1243
KEYSTONE PHONE: MAIN 1545**

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Waterer's Reliable Vegetable Seeds

Hosea Waterer gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants he sends out, and he will not be responsible in any way for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.



ASPARAGUS SEED

1 oz. to 50 ft. of drill; 4 to 5 lbs. per acre

Culture. Sow the seed as early in spring as the soil can be worked, in drills 12 inches apart, and when well started thin out to three inches apart. When one or two years old, transplant into permanent beds, which should be well and deeply manured and trenched to a depth of 18 inches. Set the plants in rows two feet apart, and not less than 18 inches apart in the row. Care should be taken that the roots are well spread, and set at a depth of six inches below the level of the bed. Cover only two or three inches, and fill in gradually as the plants grow. Very little, if any, should be cut the first year after transplanting, but a fair crop can be cut the second year. Every fall after the tops have been cut down apply a dressing of coarse manure, and in the spring fork it in. An occasional top dressing of salt at the rate of one-half pound per square yard is also beneficial.

Conover's Colossal. The standard variety, large and very prolific...Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Argenteuil. This variety is largely grown in France for the Paris market.....Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.

Palmetto. An early prolific and very desirable variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Barr's Mammoth. A quick grower with very large stalks.....Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Columbian Mammoth White. Large, white stalks. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Asparagus Roots. Two-year-old. \$1.00 per 100; \$4.00 per 500; \$7.50 per 1000.

ARTICHOKE

Culture. Sow seed in hotbed in February or March, in rows six inches apart. Transplant when large enough into boxes or pots. After danger of frosts is past plant in the open ground, in rows 3 feet apart, 2 to 3 feet apart in row, care being taken to press firmly in the ground, but not plant too deep.

Large Globe or Paris. The best of all Artichokes. Pkt. 25c.; $\frac{1}{4}$ oz. 60c.; oz. \$2.00.

Jerusalem Artichoke. Distinct from the Globe, and propagated by and for its tubers. Largely used for feeding stock.....1 qt. 25c.; peck \$1.25; bush. \$4.00.



BRUSSELS SPROUTS

BRUSSELS SPROUTS

The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost.

Long Island Half Dwarf. Produces compact sprouts of finest quality; a good keeper.....Pkt. 10c.; oz. 50c.

"Exhibition." Produces an abundant crop of large, solid sprouts, delicious in flavor, which come early to maturity.....Pkt. 15c.; oz. 50c.

Matchless. An excellent variety for general use. The plants are robust, very hardy, and the stems are covered with compact globular sprouts of excellent flavor.

Pkt. 15c.; oz. 50c.

BEANS

Beans should not be planted too early, as they are very sensitive to cold and wet. Plant about the middle of April, when warm and favorable, and at intervals throughout the season for a succession until the latter part of August. Bush varieties should be planted in rows 2 feet apart, and the beans 2 inches apart and 2 inches deep in the rows. Keep them well cultivated and draw the earth up to the stem, but only when dry.

DWARF GREEN-PODDED BEANS

One pound will plant about 50 feet of drill

Early Bountiful. An immense cropper and perfectly stringless. The flat pods are always tender and delicious. $\frac{1}{2}$ lb. 20c.; lb. 35c.; 5 lbs. \$1.65; 10 lbs. \$3.00.

Extra-Early Red Valentine. This variety is one of the most popular of the extra-early sorts; the pods are round and fleshy, and of excellent quality.

$\frac{1}{2}$ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

Black Valentine. Producing long, round, straight pods. Free from rust.

$\frac{1}{2}$ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

Mammoth Stringless Green Pod. The earliest of all green-podded sorts. The plants are very productive, bearing pods which are perfectly round, very fleshy, and entirely stringless.

$\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.00.

Stringless Green Pod. One of the earliest varieties, pods round, stringless, tender, and of the best quality—thick and meaty and long. The plant bears well and is a variety which will give satisfaction.

$\frac{1}{2}$ lb. 20c.; lb. 35c.; 5 lbs. \$1.65; 10 lbs. \$3.00.

Full Measure. Handsome, long, green, round pods, of the highest quality and perfectly stringless.

$\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.00.

Early Mohawk. An extremely early variety. Large flat pods. $\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.00.

Extra Early Refugee. Pods round, solid, tender, and of excellent quality.

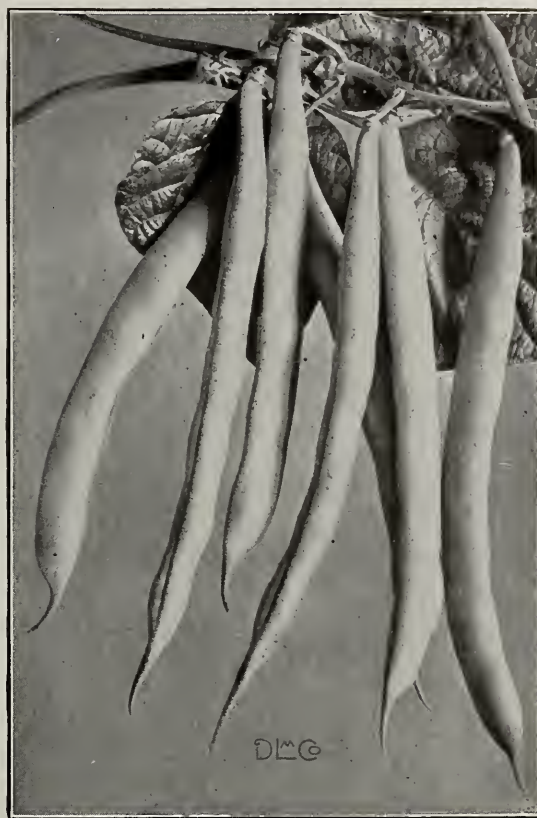
$\frac{1}{2}$ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

Longfellow. Extra-early; pods round, solid, very tender and delicious.

$\frac{1}{2}$ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.



EARLY BOUNTIFUL BEAN



WARDWELL'S KIDNEY WAX BEAN

DWARF WAX, OR YELLOW-PODDED BEANS

Wardwell's Kidney Wax. A popular variety, bearing long, flat pods of a delicate waxy-yellow. Stringless and brittle, producing a heavy crop.

$\frac{1}{2}$ lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

Improved Rust-Proof Golden Wax. Free from rust, and more prolific than the old variety. Long, flat, golden, stringless pods. $\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

Pencil-Pod Black Wax. Long, light golden-yellow pods, very tender and brittle. . . $\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

Stringless Refugee Wax. The pods are round, pencil-like, and are always stringless. The color is a rich golden-yellow, and the quality is excellent. . . $\frac{1}{2}$ lb. 20c.; lb. 35c.

Currie's Rust-Proof Wax. Early and productive. The pods grow long, flat, are very tender, and of the finest quality. $\frac{1}{2}$ lb. 20c.; lb. 35c.

Burpee's New Kidney Wax. Long, handsome pods which are remarkable for their meatiness, fine flavor, brittleness, and freedom from strings. $\frac{1}{2}$ lb. 30c.; lb. 50c.

Sure Crop Wax. A stringless dwarf wax bean, very tender and excellent quality. $\frac{1}{2}$ lb. 25c.; lb. 40c.

DWARF BEANS FOR SHELLING
(Winter Use)

Boston Navy or Pea. A most productive white variety, of superior quality for soup and baking purposes.

$\frac{1}{2}$ lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

White Marrowfat. The standard variety of white soup beans. $\frac{1}{2}$ lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

Note.—Beans are now quoted by the pound, instead of the old method of selling by the pint, quart, etc.

POLE LIMA BEANS

One pound will plant about 50 hills

These require poles 8 to 10 feet long. Plant in hills 3 to 4 feet apart each way, and 2 inches deep, allowing four to six seeds to each hill. When the plants are well established they should be thinned out to three. They are more sensitive to cold than the Bush Beans, and should not be planted before the middle of May.

King of the Garden Lima. A vigorous and productive sort, pods very long; each contains 5 to 6 large beans of delicious flavor. $\frac{1}{2}$ lb. 20c.; lb. 40c.; 5 lbs. \$1.75.

Early Leviathan Lima. The earliest large pole Lima, with long, broad pods, containing 5 to 6 beans of unexcelled quality; remarkably productive.

$\frac{1}{2}$ lb. 20c.; lb. 40c.; 5 lbs. \$1.75.

Early Jersey Lima. This variety matures a few days earlier than the King of the Garden. Pods contain three and four large beans each.

$\frac{1}{2}$ lb. 20c.; lb. 40c.; 5 lbs. \$1.75.

Dreer's Improved, or Challenger Lima. The vines of this variety are vigorous and productive, the pods thick, and contain 4 to 5 beans of excellent quality.

$\frac{1}{2}$ lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Small Lima, or Sieva. Very productive. Beans small, good quality.

$\frac{1}{2}$ lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

POLE BEANS

These beans need poles for support. Later than bush beans, they are more productive.

Early Golden Cluster Wax. An early sort, producing an abundance of bright golden-yellow pods, which are thick, fleshy and tender.

$\frac{1}{2}$ lb. 25c.; lb. 45c.

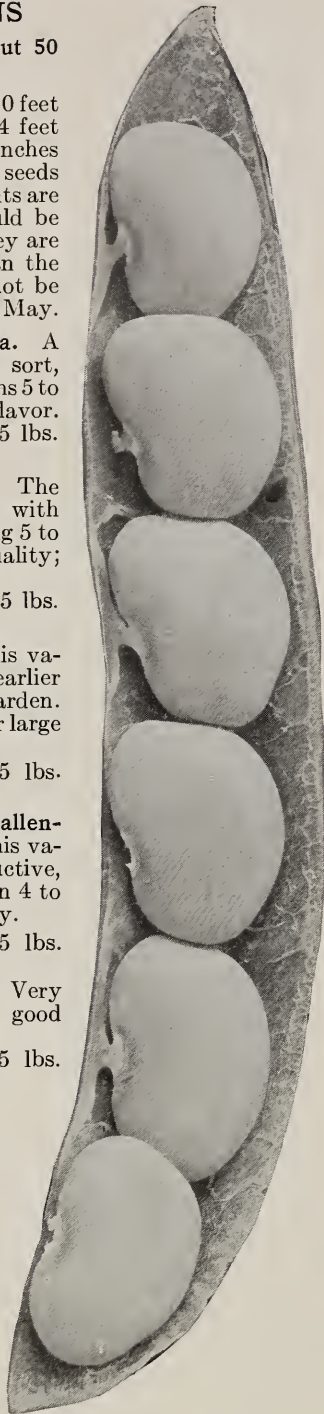
White Creaseback, or Best of All. Early green podded variety, productive and of fine quality.

$\frac{1}{2}$ lb. 25c.; lb. 40c.

Kentucky Wonder, or Old Homestead. Long flat green pods, seven to nine inches in length, fleshy and stringless. Heavy yielder $\frac{1}{2}$ lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Lazy Wife's. One of the most productive and easily gathered of the pole beans. The pods, borne in large clusters, are broad, thick, fleshy, and from five to six inches long, and when young entirely stringless and of a rich buttery flavor. The dry beans are excellent for winter use. $\frac{1}{2}$ lb. 25c.; lb. 45c.

White Dutch Case-Knife. Good as a shell bean, either green or dry. One of the earliest, and very productive. $\frac{1}{2}$ lb. 25c.; lb. 45c.

**BUSH LIMA BEANS**

One pound will plant about 50 feet of drill

Plant in drills two feet apart, dropping the seeds about six inches apart in the row, and cover two inches.

The Burpee Improved Bush Lima. Earliest, largest and the best of all large limas. The sturdy bushes are loaded with pods that are truly enormous in size.

$\frac{1}{2}$ lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Fordhook Bush Lima. Bears tremendous crop. The plump, well-filled pods are twice as large as those of the Kumerle or Dreer's Bush, while the individual beans are also fully twice the size. $\frac{1}{2}$ lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Burpee's Bush Lima. A bush form of the true large White Lima. Plants uniformly dwarf and enormously productive. $\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

Dreer's Bush Lima, or Kumerle. An excellent large-seeded variety. Pods thick and large, each containing 3 to 5 thick beans of the best quality.

$\frac{1}{2}$ lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Dreer's Wonder Bush Lima. The plants are upright and compact in growth, and are completely covered with large pods. $\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

Henderson's Bush Lima. A dwarf form of the Sieva Lima, valuable for its earliness.

$\frac{1}{2}$ lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

Wood's Prolific, or Improved Henderson Bush Lima.

$\frac{1}{2}$ lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

BROCCOLI

Requires the same treatment as cauliflower. The heads are tender, white, and of delicate flavor.

Large White French. Heads white, very compact and hard. Pkt. 15c.; oz. 75c.

CARDOON

Sow early in the spring, and transplant in trenches of well-manured ground, 3 feet apart and 1 foot in the rows; when full size bind the plant together, and earth up the same as celery.

Large Solid. Grows about 4 feet high, and almost entirely spineless. Pkt. 10c.; oz. 25c.

CHERVIL

Curled. Cultivated the same as Parsley. The leaves are used for flavoring soups and stews, and for garnishing. Pkt. 10c.; oz. 25c.

CHICORY

Common, or Wild. Sown in June, the roots are transplanted in autumn into sand in a cellar. The young shoots form the Barbe de Capucin, the celebrated salad of France. Pkt. 5c.; oz. 45c.

Witloof Chicory, or French Endive. Sow in May and June in drills. Transplant or thin to 6 inches; treat as Endive, except that late in summer or fall it should be gradually banked up like celery. The stalks when blanched make a delicious salad. Pkt. 10c.; oz. 75c.

CORN SALAD

This is a hardy, quick-growing plant; the leaves furnish a good substitute for lettuce during the winter. Sow seed on the approach of cool, moist weather in the fall to produce leaves for late fall, winter and early spring use. It is quite hardy, and the larger plants may be protected by a light mulch of straw during severe weather for early spring use.

Large Seeded. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

BEET

One ounce will sow fifty feet of drill. Five to six pounds for an acre.

The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough, thin out to 3 or 4 inches apart in rows; continue for a succession as late as the middle of July.

Crosby's Egyptian. (Choice strain.) One of the best sorts for early planting. Very smooth with small top; color deep crimson; sweet and tender.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

Crimson Globe. (Choice strain.) A splendid variety of medium size, very handsome, with small top and small tap root; flesh deep crimson, tender, and delicious.

Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

Detroit Dark Red Turnip. (Choice strain.) A superior sort for medium and late planting. Top small, color of skin dark blood-red; flesh deep crimson, tender, and very sweet. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00.

Edmand's Early Blood Turnip. (Choice strain.) One of the best for main and late crops. Tops small; roots dark red; flesh fine grained, of rich crimson color; crisp, tender, and a good keeper.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Bastian's Extra Early Red Turnip. A variety of very rapid growth, forming marketable sized roots in six weeks from time of sowing; it is of a beautiful form, exceedingly sweet, and of very delicious flavor, retaining its bright blood color when cooked; it is also a very desirable variety for sowing in July or early August for a fall crop.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Early Eclipse. A very early globe-shaped variety, with small tap root; flesh bright red, very sweet, crisp and tender. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Early Model Red Globe. This variety is an excellent selection of blood-red beet, being extremely smooth and of fine color and perfect globe shape; flesh remarkably sweet and tender. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

Early Bassano. A very early flat variety; flesh white and rose-colored; very sweet.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Half-Long Blood. Of bright color and excellent quality. For winter use sow early in July.

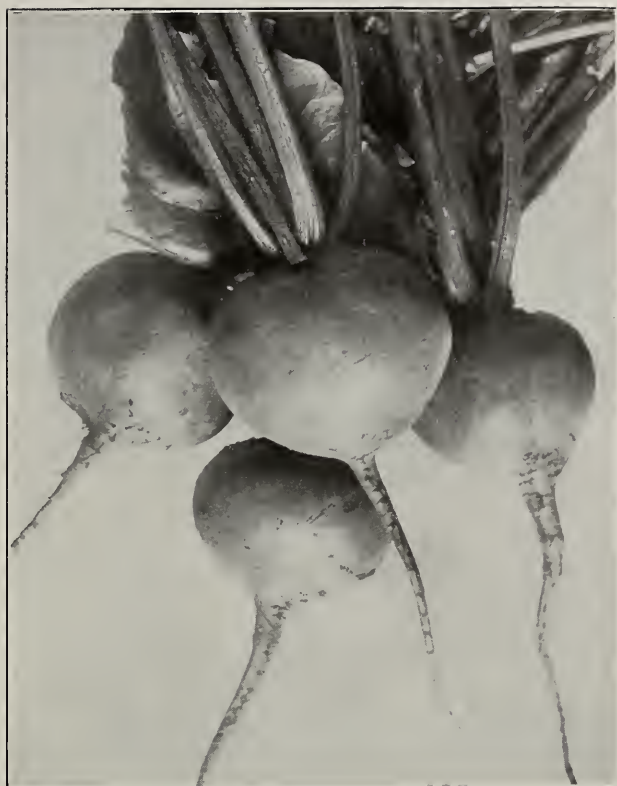
Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Long Dark Blood. A good late variety for fall and winter use, sweet and tender.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

Swiss Chard, Giant Lucullus. Prepared for the table in the same manner as Spinach; sometimes, however, the midrib is prepared like Asparagus, with drawn butter.

Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.



CROSBY'S EGYPTIAN BEET

MANGEL-WURZEL AND SUGAR BEET

Sow in May or June, in rows 18 inches to 2 feet apart, and thin to 8 inches in the row. The value of these for stock feeding cannot be overestimated; for sheep, dairy stock, and fattening of cattle, experience has proved the Mangel-Wurzel to be at once healthful, nutritious and economical. One ounce will sow 50 feet drill, 5 to 6 pounds per acre.

Mammoth Prize Long Red. The largest and heaviest cropper of all the Mangels. Dark red skin, with whitish flesh. Oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.00.

Golden Tankard. An enormous yielder of weight per acre, and at the same time very nutritious. Flesh deep yellow. Oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.00.

Golden Giant, or Yellow Leviathan. Very fine, large roots. Skin a rich golden-yellow; flesh white, firm, and sweet. Oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.00.

Improved White Sugar Beet. Does not grow quite so large as the Mangels, but is much sweeter, and unsurpassed as a feed for milch cows, greatly improving the quality and yield of the milk. . . . Oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.00.



MANGEL-WURZEL—MAMMOTH LONG RED



COPENHAGEN MARKET CABBAGE

CABBAGE

For very early use sow in January or February in hotbeds; prick out when the plants are strong enough into other hotbeds, or sow in hotbeds in March. Transplant to the open ground when danger from killing frosts has passed, in rows 2 feet apart and 18 inches from plant to plant. For succession, sow in the open ground the last of March or early in April. The autumn and winter varieties may be sown in April or early in May in shallow drills 3 or 4 inches apart; transplant early in July, making the rows about 2½ feet apart, and setting the plants 2 feet apart in the rows. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed.

Copenhagen Market. The finest, large, round-headed early cabbage. The heads average about ten pounds each in weight, are very solid, and of fine quality. It matures as early as Charleston Wakefield, and will give a heavier yield per acre than that well-known variety.

Pkt. 15c.; oz. \$1.50; ¼ lb. \$5.00.

Eureka, or First Early. A flat-headed Cabbage, fully as early in the maturing as the Early Jersey Wakefield. The heads are large and very solid, and the leaves tender, being entirely free from coarseness. Pkt. 15c.; oz. \$1.00.

Glory of Enkhuizen. Very desirable on account of its earliness, sure headedness and fine keeping quality. The heads are of large size, solid, and of excellent quality.

Pkt. 15c.; oz. \$1.25; ¼ lb. \$4.50.

Selected Early Jersey Wakefield. The standard early variety; conical in shape; medium-sized heads; very solid, few outside leaves. Pkt. 15c.; oz. \$1.25; ¼ lb. \$4.00.

Charleston, or Large Wakefield. Not quite as early as the regular Jersey Wakefield, but the heads are considerably larger in size, very solid and not so pointed.

Pkt. 15c.; oz. \$1.25; ¼ lb. \$4.00.

Winnigstadt. Pointed head, adapted for light soils; early to medium. Pkt. 10c.; oz. \$1.00.

Early Summer. A second early Cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves.

Pkt. 15c.; oz. \$1.25; ¼ lb. \$4.50.

Succession. This popular second early sort is about ten days later than Early Summer, larger in growth, and heads more uniform. It is an excellent keeper, and in color an attractive light green. Pkt. 15c.; oz. \$1.00.

CABBAGE—(Continued)

All-Seasons (Vandergaw). An early Drumhead Cabbage, yielding heads of the largest size.

Pkt. 15c.; oz. \$1.25; ¼ lb. \$4.50.

Danish Ball Head. One of the very best winter sorts; heads round and very solid.

Pkt. 15c.; oz. \$1.00; ¼ lb. \$3.50.

Danish Round Head. Similar to Danish Ball Head, but slightly larger and about two weeks earlier. Very hard and heavy. Pkt. 15c.; oz. \$1.00; ¼ lb. \$3.50.

Selected Late Flat Dutch. A popular late variety; its keeping qualities are unsurpassed. For market and family use this variety is more extensively cultivated than any other. Pkt. 15c.; oz. \$1.00; ¼ lb. \$3.50.

Autumn King, or World Beater. Produces heads of largest size and very solid. The heads are flat and leaves set close. A good keeper.

Pkt. 15c.; oz. \$1.75; ¼ lb. \$5.50.

Large Late Drumhead. A favorite winter variety. The heads grow to very large size and heavy weight. They are solid, of good quality and texture, and have very few loose leaves, allowing of planting closely in the field.

Pkt. 15c.; oz. \$1.25; ¼ lb. \$4.50.

RED CABBAGE

Early Blood-Red Erfurt. A very early intense blood-red variety. The leaves are smaller and spread less than those of the common varieties of Red Cabbage.

Pkt. 15c.; oz. \$1.50.

Zenith. The finest second early, hard and sure heading; very dark red Cabbage. Pkt. 15c.; oz. \$1.50.

Large Red Drumhead. A great improvement on the Red Dutch, being earlier, larger, and a better header; heads round, solid, and deep blood-red in color.

Pkt. 15c.; oz. \$1.25.

SAVOY CABBAGE

Perfection Drumhead Savoy. This is the hardest heading and best all-round Savoy, possessing the rich flavor of the Cauliflower. Pkt. 15c.; oz. \$1.00; ¼ lb. \$3.00.



PERFECTION DRUMHEAD SAVOY



DANVERS HALF-LONG CARROT

CARROT

Sow in April and May for early, and in June for main crop, in drills about half an inch deep and a foot apart. Thin out, leaving the plants 4 inches apart. The large, late varieties for field culture should be sown in drills 3 to 3½ feet apart, so as to cultivate by horse. One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre.

Waterer's Forcing. A handsome half-long Carrot of deep orange-red color, almost coreless; very desirable for forcing or open ground. Pkt. 15c.; oz. 50c.; ¼ lb. \$1.50.

Earliest Short Horn (French Forcing). This variety is small, reddish-orange, of globular shape and excellent flavor. Pkt. 10c.; oz. 40c.; ¼ lb. \$1.25.

Chantenay, or Model. One of the finest in quality for table; stump-rooted, handsome shape, medium early and very productive. Pkt. 10c.; oz. 15c.; ¼ lb. 50c.

Danvers Half-Long. The best variety for general purposes and the most largely used, not only for stock raising, but for table use as well.

Pkt. 10c.; oz. 15c.; ¼ lb. 40c.; lb. \$1.25.

Early Half-Long Scarlet. A desirable point-root variety. Pkt. 10c.; oz. 15c.; ¼ lb. 50c.

Half-Long Nantes. An excellent early half-long, stump-rooted variety of superior quality.

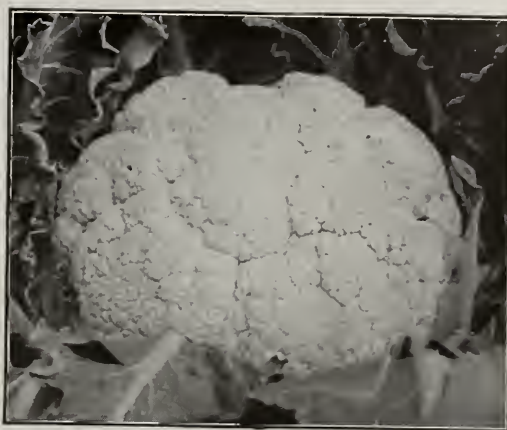
Pkt. 10c.; oz. 15c.; ¼ lb. 50c.

St. Valery. Color orange-red. Roots large and handsome. Pkt. 10c.; oz. 15c.; ¼ lb. 50c.

Guerande, or Oxheart. Very thick and short. Pkt. 10c.; oz. 15c.; ¼ lb. 50c.

Improved Long Orange. Splendid for stock. Pkt. 10c.; oz. 15c.; ¼ lb. 50c.

White Belgium. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.



CAULIFLOWER

Cauliflower succeeds well in any soil where cabbages will grow. It delights in a rich soil and abundance of water. Sow the seed in a hotbed in January or February, and when the plants are large enough transplant three inches apart in boxes or in other hotbeds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, in rows about 2½ feet apart, and 2 feet between the plants. The Cauliflower succeeds best when planted in frames at the close of winter, and brought to maturity before the summer heat sets in. Late varieties which mature in autumn are sown and managed like winter Cabbage.

Waterer's Extra Selected Dwarf Erfurt. The best Cauliflower either for forcing under glass or for the open ground, producing very solid, pure white heads of the finest quality. Pkt. 25c.; ¼ oz. \$1.25; oz. \$4.00.

Early Snowball. Very early, a sure header; grows very close and compact. Heads of snowy whiteness, and average about nine inches in diameter. It is of very dwarf growth, with small outer leaves, which makes it well adapted for close planting.

Pkt. 25c.; ¼ oz. \$1.25; oz. \$4.50.

Earliest Snowstorm. A splendid dwarf early variety for forcing or growing in the open ground.

Pkt. 25c.; ¼ oz. \$1.50; oz. \$5.00.

Danish Giant, or Dry Weather. This variety withstands dry weather better than any other sort; heads large, very solid, snow white and of the most delicate flavor. Pkt. 25c.

Reliance. A sure heading variety, producing enormously large, very firm and heavy heads; stands the heat and dry weather remarkably well. Pkt. 25c.

Veitch's Autumn Giant. A valuable and distinct late variety, producing large, white, firm heads. Pkt. 25c.

Lenormand's Short Stem. A large, late, short-stemmed variety, with well-formed heads of fine quality. Pkt. 25c.

Algiers. A late variety, producing large heads of excellent quality. Pkt. 25c.

LAWN GRASS SEED

If you desire a perfect lawn, use our "Special" Evergreen Lawn Seed. See page 22 for same.

CELERY

Sow the last of March or early in April, in drills 8 to 10 inches apart. The seed should be covered very lightly or merely pressed into the earth. When fairly out of the seed leaf they may be transplanted to another bed, or else thinned out to four inches apart, and let them grow until wanted for transplanting out into the beds or trenches early in July. Some gardeners trim off the tops a little, while the plants are small, to make them grow more stocky. The trenches should be shallow, and about four feet apart, and wide enough to hold one or two rows. These rows should be one foot apart and the plants set about six inches apart in the row. As the plants grow, they should be earthed up to blanch them, care being taken not to let the earth get into the heart of the plant. For keeping over the winter, bank up with earth and cover over with litter to keep out the frost, placing boards on top to keep out the rain.

White Plume. This is one of the most popular of the varieties now in use. Used mostly for a very early crop. A comparatively easy variety to grow, as it is fairly hardy, and being naturally white is easy to blanch. The leaves are also white, tinted with green at tips. Forms a medium-sized bunch and is fairly tall.

Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

Winter Queen. This is the most valuable variety of Celery for winter and spring use ever introduced, even excelling the celebrated Perfection Heartwell as a late winter keeper. It is also much stouter, thicker and heavier, with double the amount of heart of any known Celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream-white. Ribs perfectly solid, crisp and of a delicious, nutty flavor.

Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.

Giant Pascal, or Winter King. One of the best for fall and winter use. It is a selection from the Golden Self-Blanching, and adds to the general good quality of its parent superior keeping qualities. The stalks are very large, solid, crisp and of a rich, nutty flavor. It blanches very easily and quickly. The heart is golden-yellow; very attractive.....Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.50.

Columbia. A splendid new early variety of medium height; the stalks are broad and thick almost round, solid, and of the highest quality. The foliage is of a light green shade with a tinge of yellow. It matures early, is crisp, tender, and of fine flavor.

Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

Paris Golden Self-Blanching (French-grown seed). The best very early Celery, extensively grown for summer and early autumn use. The stalks are solid, crisp, tender, and of fine, nutty flavor..Pkt. 15c.; $\frac{1}{2}$ oz. 85c.; oz. \$1.50.

Giant Solid White. A large sized, vigorous growing variety; stalks white, very crisp, perfectly solid and of superior flavor.....Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Dwarf Golden Heart. Heart large and full, of a golden-yellow; very solid, rich flavor and good keeper.

Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Schumacher. A very large, fine-keeping variety; solid, crisp, golden-yellow heart.

Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Boston Market. Of dwarf-branching habit; solid, crisp and fine flavor.....Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Perfection Heartwell. One of the finest and largest of winter varieties.....Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.



Covent Garden Red. Very select, large and solid, crisp and fine flavor.....Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.

Standard Bearer (Red). A variety of compact habit and robust growth; it grows to a heavy weight, is of good quality, solid, and of fine flavor.

Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.

CELERIAC (Turnip-Rooted Celery)

Sow in light, rich soil early in spring; transplant in May in beds, and water freely. When plants are full grown, earth up the bulbs to a height of four or five inches. In a month they will be blanched. The roots will be ready in October and are used in soups.

Apple-Shaped.....Pkt. 10c.; oz. 25c.

Giant Smooth Prague. A very large and smooth variety.....Pkt. 15c.; oz. 35c.; $\frac{1}{4}$ lb. 90c.

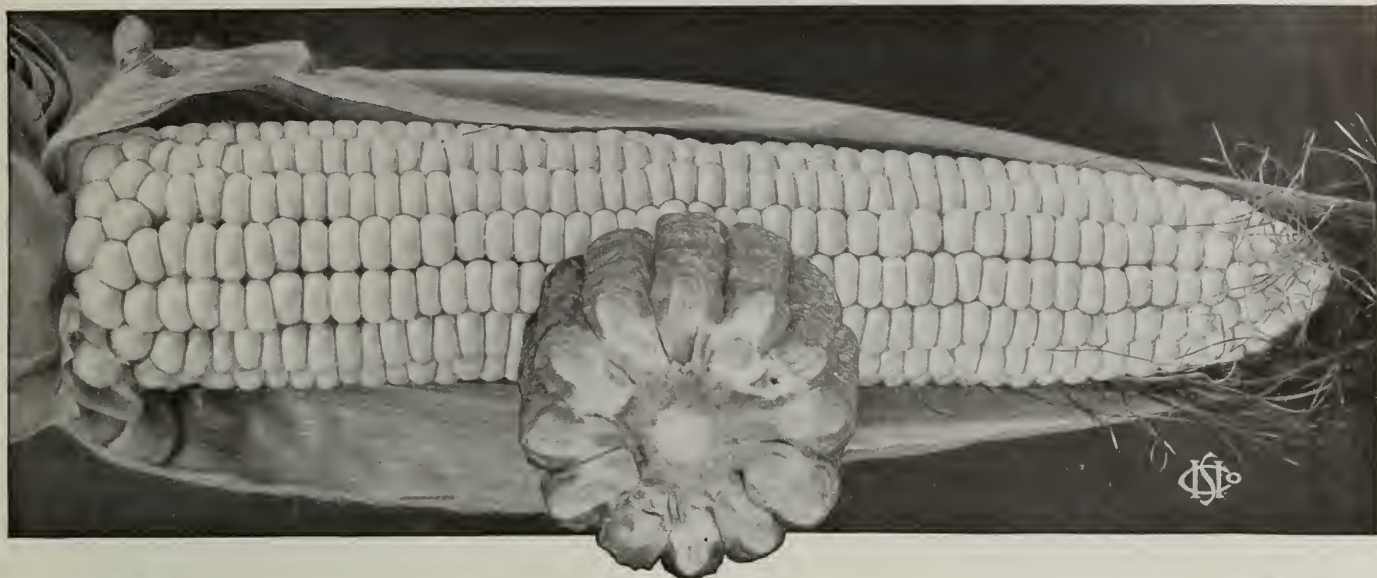
CRESS

Easily grown during winter on the greenhouse bench, in frames or boxes, and splendid for salad, garnishing, or as an addition to winter lettuce. Sow seed very thickly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed. Water-cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

Extra Curled, or Pepper Grass.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.

Water Cress.....Pkt. 10c.; oz. 40c.



Corn—Sweet or Sugar



One pound will plant about 135 hills

The Sweet or Sugar varieties should not be planted before May, or until the ground has become warm; for a succession continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill. The extra-early varieties can be planted 18 inches in the row and 2½ feet between the rows.

(Any of the following varieties, ½ lb. 25c., except where noted)

Early Maine. The earliest Sweet Corn; has a pure white cob, with a rich cream-white kernel; sweet and juicy.
Lb. 40c.; 5 lbs. \$1.75.

Extra Early Cory. (White Cob Strain.) One of the earliest and best extra-early varieties. Ears medium size, large grain, and sweet.Lb. 40c.; 5 lbs. \$1.75.

Stabler's Early. Of larger size than usual for the early kinds. It is remarkable for fine flavor, sweetness and earliness, and is a desirable variety for the home garden.
Lb. 40c.; 5 lbs. \$1.75.

Metropolitan. A remarkably fine, vigorous growing Corn, with good-sized ears, very early and excellent quality.Lb. 40c.; 5 lbs. \$1.75.

Golden Bantam. Of dwarf growth, the stalks averaging four feet in height, each producing two or more ears measuring from 5 to 7 inches in length. When ready for use the kernels are bright golden-yellow, deliciously sweet, richly flavored, and remain tender for some time after ripening.
Lb. 45c.; 5 lbs. \$2.00.

Peep O'Day. One of the earliest; very sweet and of delicate flavor. Grows about 3½ feet high. Bears nearly always two ears on the stalks.
Lb. 40c.; 5 lbs. \$1.75.

Early Evergreen. This variety resembles the Stowell's Evergreen, but is ready for use much earlier, and remains in good condition equally as long. The ears grow to a good size, usually about 7 inches long, and contain from 16 to 18 rows of deep, sweet grains. . . .Lb. 40c.; 5 lbs. \$1.75.

Golden Cream. A cross between Country Gentleman and Golden Bantam, and combines the excellent qualities of both.Lb. 45c.; 5 lbs. \$2.00.

Crosby's Early. A favorite second-early variety, productive; rich, sugary flavor.Lb. 40c.; 5 lbs. \$1.75.

Kendel's Early Giant. A second-early variety, several days earlier than Crosby. Ears average seven inches in length, with ten or more rows of large grains of rich, sugary flavor.Lb. 40c.; 5 lbs. \$1.75.

Squantum, or Potter's Excelsior. The ears of this Corn are large and well filled with snowy white kernels. Its sweetness and delicious flavor afford it a place with the best varieties.Lb. 40c.; 5 lbs. \$1.75.

Black Mexican. Grains deep bluish-purple, of delicious quality; medium early.Lb. 45c.; 5 lbs. \$2.00.

Stowell's Evergreen. Recognized everywhere as the standard variety for market and home use. Remains longer in green state than any other sort. Very large ears, with deep grains and remarkably sweet.
Lb. 40c.; 5 lbs. \$1.75.

Country Gentleman. One of the sweetest and also one of the most productive sorts. Ripens about same time as Stowell's Evergreen.Lb. 45c.; 5 lbs. \$2.00.

Late Mammoth. A large-eared variety, maturing after Stowell's. The mammoth ears are thick through, with many rows of large, broad grains of excellent quality.
Lb. 40c.; 5 lbs. \$1.75.

Howling-Mob. The ears are much larger than the usual early varieties, while the grains are so much whiter and sweeter.Lb. 50c.; 5 lbs. \$2.25.

Adams' Extra Early. The hardiest and earliest variety for table use. It can be planted earlier than any other, but is not a Sweet Corn; white grains and short ear.
½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

Note.—Sweet corn is now quoted by the pound, instead of the old method of selling by the pint, quart, etc.

CUCUMBER

Sow the seeds early in the season in a hotbed, using small sods (grass side down) or flower-pots, placing a few seeds in each. When all danger of frost is past, transplant into hills, which should be four feet apart and eighteen inches in diameter. For general crop, a sowing may be made in the open ground in May, in rich, mellow soil, well manured, using eight or ten seeds to each hill, and when danger of insects is past, thin out to four plants to each hill. For pickles, sow from the middle of June to first week in July. Pick all fruit when of proper size. One ounce of seed to 50 hills; 2 lbs. to an acre.

Arlington White Spine. The Cucumbers average seven to eight inches in length, straight and of a rich dark green color. Flesh white, crisp, and solid, with comparatively few seeds. Vines of vigorous growth and very productive.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

Davis' Perfect. An excellent variety for outdoor and forcing purposes. The long, even fruits are of fine form, with an intensely dark, rich green skin. With very few seeds, the solid white flesh is of superb quality for slicing. The vines are of strong growth and quite prolific.

Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.25.

Early Green Prolific, or Boston Pickling. This is a very prolific variety, largely planted for pickles. The fruits average four to five inches in length when large enough for slicing, and are of excellent quality; but it is chiefly for producing medium-sized pickles that this variety is so highly esteemed. If the fruits are gathered as soon as large enough, the vines will continue bearing through a long season....Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Emerald. Exceedingly productive, fruits set early and are very handsome, dark green, long and straight; entirely free from spines. Quality fine, being very solid and crisp.....Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Everbearing. This is a very early variety and extremely prolific. If the fruits are kept gathered, vines will continue in bearing throughout the season. The fruits, of a rich dark-green color, average from four to five inches in length.....Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Cumberland. A long slender variety which is very productive; fine for pickling or slicing; average length, 8 to 10 inches; dark-green color.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Fordhook Famous. Vines produce an enormous crop. Perfectly smooth and very dark green; the handsome fruits measure twelve to eighteen inches long; they are always straight—never turn yellow, and are very solid. The flesh is firm, crisp, and of most delicious flavor.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

Klondike. This valuable variety is one of the best for slicing. The color is rich dark green, and the fruits grow to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Long Green (Jersey Pickle). Fruits are long, firm and crisp. The small fruits are used for pickles, and the larger ones make excellent sweet pickles. The vines make a strong growth and are very productive.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

West India Gherkin. A small prickly variety. Used for pickles only...Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

Japanese Climbing. Can be grown on a trellis; very prolific and of good quality.

Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.75.

ENGLISH FORCING CUCUMBER

Covent Garden Favorite, Lockies Perfection, Rochford's Market, Telegraph, Tender and True.

Each per Pkt. of 12 seeds 25c.; \$2.00 per 100.



NEW YORK IMPROVED EGG PLANT

EGG PLANT

Improved New York Spineless. Fruit of large size and perfect form; excellent quality and very productive.

Pkt. 10c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.

"Black Beauty." Fruit of large size and fully ten days earlier than the New York Improved.

Pkt. 10c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.

Early Long Purple. The earliest and hardest. Fruit six to ten inches long.....Pkt. 10c.

Black Pekin. Fruit round, almost black; flesh white, very solid; very early.....Pkt. 10c.

ENDIVE

One ounce of seed to 150 feet of row

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use or for late use in June or July. When the plants are two or three inches high, thin them out or transplant into moderately rich and rather light soil, one foot apart. When nearly full grown, and before they are fit for the table, they must be blanched by tying the leaves loosely together, which must be done when quite dry, or by covering with boards or flower-pots.

White Curled. Very tender and white. Blanches easily.....Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Broad-Leaved Batavian. Long, broad leaves; very fine for salads.....Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Giant Fringed. A vigorous grower, with handsome, broad fringed leaves and a white heart.

Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Green Curled. The hardest of all, with curled dark green leaves; tender and crisp.

Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

KALE, OR BORECOLE

The Kales are highly esteemed for winter greens. They are extremely hardy, and are improved in flavor after frost. For fall use, sow in May and transplant in June, and treat in the same manner as Cabbages. One ounce will sow a drill of about 200 feet.

Dwarf Curled Green Scotch. The leaves are bright green, tender and beautifully curled. One of the best grownPkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.

Tall Curled Green Scotch. Unusually hardy, growing two feet or more in height, with recurved, spreading, deep green, curly leaves.....Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.

KOHL-RABI

Sow in May or June, in rows 18 inches apart, and thin out to stand 8 inches in row. The bulbs, when about half grown, are boiled and served like Turnips. One ounce of seed will sow 100 feet of drill.

Early White Vienna. The best for early and main crop; flesh whitePkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.25.

Early Purple Vienna. Bluish purple outside; flesh whitePkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.

LEEK

Sow very early in the spring, in drills 6 inches apart; thin out to 2 inches apart in the row. When about 7 inches high, transplant them in rows 12 inches apart, and 6 inches in the rows, as deep as possible, but do not cover the young center leaves. Draw earth up to them as they grow.

Giant Carentan. The favorite market variety, large, thick stem, mild flavor.....Pkt. 10c.; oz. 35c.

MusselburghPkt. 10c.; oz. 35c.

London FlagPkt. 10c.; oz. 35c.



LEEK



BIG BOSTON LETTUCE

LETTUCE

Seed for the first outdoor crop is usually sown in hotbeds in February or March, and the seedlings transplanted to the garden in April, 8 to 12 inches apart, in rows 18 inches apart. For a succession until frost, sow in drills in the open ground at intervals of every two or three weeks, and thin the plants to stand 8 inches apart. For plants to force in hotbeds from November until spring, sow seed in hotbeds in the fall.

CABBAGE OR HEADING VARIETIES

Big Boston. This is a fine forcing variety for cold frames during the winter months, as it produces heads of very large size, and succeeds better in a cooler temperature than most forcing strains. It heads well also in the open ground during cool weather of spring and fall.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Black Seeded Tennis Ball. Very desirable for hotbed culture in winter and for withstanding heat in summer. A light green Cabbage sort, forming hard heads.

Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Boston Market. For forcing under glass or outside use; forms fair sized heads....Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

California Cream Butter (Royal Summer Cabbage). One of the best summer varieties; forms fine, large solid heads of excellent quality..Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

Deacon. Plants make firm heads, nearly as large and almost as solid as a Cabbage. The heads are light green outside, while the inner blanched portion is beautiful cream-yellow, of delicious rich buttery flavor.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.

Early Dutch Butter, Spotted. Producing fine large heads of excellent quality, and one of the best forcing and market sorts; also stands the heat well in summer.

Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

All Heart. One of the best for spring or summer use; large heads, decided buttery flavor.

Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Hanson. A fine, large-heading variety, light yellowish-green in color. The head is crisp and brittle, and flavor excellent.....Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Wayahead. The earliest and surest heading of all early lettuce. The outer leaves are light green, heart is a rich buttery yellow of fine quality.

Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.



TRIANON COS, OR ROMAINE LETTUCE

LETTUCE—HEADING VARIETIES—(Continued)

Iceberg. A summer variety, producing solid heads of fine quality; outer leaves are curled.

Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

May King. A fine variety for forcing or outdoor culture; stands well, flavor unexcelled.

Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

New York, or Wonderful. A large, crisp, tight-heading variety. Dark green, curly leaves; head large and of fine quality.....Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Salamander. One of the most popular varieties for withstanding heat. Medium size, light green, and forms a hard, buttery head of fine quality.

Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

CURLED OR CUTTING LETTUCE

This type does not form compact heads, but large masses of curly, crisp leaves, which are practically everbearing, as they keep growing after picking.

Grand Rapids. Produces crisp, tender, green leaves, richly curled. Superb for forcing or outdoor culture.

Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.

Black Seeded Simpson. One of the best of the loose leaved varieties, withstands the heat and drought, finely fringed leaves.....Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

COS OR ROMAINE LETTUCE

A distinct upright growing type of Lettuce. The long narrow leaves need to be tied rather loosely together several days before they are cut for use.

Trianon Cos, or Romaine. A self-blanching Cos Lettuce, very crisp and tender, and of excellent flavor.

Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Matchless, New. Crop very short.... Pkt. only. 25c.

Balloon, or Giant White Cos. Very large summer variety.....Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

MELONS FOR FORCING

Eureka. Scarlet flesh, excellent flavor.....Pkt. 25c.

Blenheim Orange. Scarlet flesh of superb quality.
Pkt. 25c.

Perfection. Green flesh, excellent flavor.....Pkt. 25c.

Scarlet Invincible. Thick scarlet flesh, fine flavor.
Pkt. 25c.

Triumph. Deep scarlet fleshPkt. 25c.

Windsor Castle. Large, deep-green fleshPkt. 25c.



ROCKY FORD MUSK MELON

MUSK MELON

One ounce will plant 50 hills. Two or three pounds for one acre

Sow in light, rich, sandy soil after it has become warm and dry, in hills 5 to 6 feet apart, six to ten seeds in a hill. When up and all danger of insects has passed, pull out all but three plants. Pinch the ends of the growing vines to induce fruiting. Ashes, air-slaked lime or tobacco dust are excellent to sift over the young plants when the dew is on, to prevent attacks of insects.

Gold-Lined Rocky Ford. Flesh green, uniform in shape, and remarkably sweet.....Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Honey Dew. Is perfectly round, heavily netted, with no ribs; flesh green, of delicious flavor.

Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

Emerald Gem. A small, very early Melon; flesh salmon-colored and flavor is exceptionally fine.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Rocky Ford, or Golden Gem. Oval-shaped; thick-meated; flesh light green in color, and uniformly fine, luscious flavor; skin ribbed and thickly netted.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.

Burrell's Gem. The flesh of reddish-orange is very thick, fine grained and deliciously rich and spicy in flavor.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Defender. A salmon-fleshed variety, medium size and of exquisite flavor.....Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.

Jenny Lind. Very early and very prolific.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.

Extra Early Hackensack. An early variety with almost globular fruit, which is heavily ribbed, netted; thick light-green flesh of fine flavor...Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.

Montreal Market. Skin dark green; heavily netted. Flesh light green, of delicious flavor.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.

Long Island Beauty. A superior early variety. Large size and handsome.....Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

The Hoodoo. A delicious Melon, which grows to a convenient size. Flesh thick and firm; deep salmon or orange color.....Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.

Netted Rock. Remarkable for its resistance to both rust and blight; heavily netted, thick, green flesh, and of delightful flavor.....Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.

Tip Top. Medium sized, nearly round, with shallow netting on skin. Flesh is deep yellow and has a rich flavor.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

WATERMELON

Cultivate same as Musk Melons, except that the hills should be eight feet apart. One ounce for 30 hills; 4 to 5 pounds for an acre.

Tom Watson. A large, long melon with dark-green rind and light crimson flesh of excellent quality.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.

Fordhook Early. Extra early; large, nearly round, skin tough; flesh red and very sweet.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.

Alabama Sweet. A large and attractive Melon, oblong in shape. Color dark green, flesh remarkably firm and of luscious flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.

Kleckley Sweets. Shape oblong, skin dark green; flesh bright scarlet, crisp, sugary and melting. The sweetest of all Watermelons. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.

Sweetheart. Oval form; mottled light-green skin; flesh bright red, solid and very tender and sweet.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.

Dixie. The fruits are large, oblong in form, from twenty inches to two feet in length; skin dark green with stripes of lighter shade. Bright red flesh of excellent quality.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.

Mammoth Ironclad. A large size; flesh deep red and of rich flavor, holding its fine quality very close to the skin. For shipping and keeping it is unsurpassed.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.

Iceberg, Blue Gem, or Improved Kolb's Gem. The flesh is bright red and of sweet, sugary flavor.

Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.

Colorado Preserving Citron. Excellent for making preserves. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.

MUSTARD

One ounce will sow about 75 feet of drill

A small, pungent salad used with Cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly in shallow drills 6 inches apart, or in frames or boxes during the winter. Successive sowings may be made every week or two. To grow seed, sow in April, in rows 1 foot apart, and thin out to three inches apart when 2 inches high.

White London. . Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c.

OKRA, OR GUMBO

The young pods are used to flavor soups and stews. Sow in spring in rows 3 feet apart and 1 inch deep; thin, so that the plants stand about one foot apart.

Improved Dwarf Green. Very productive; bears large pods which remain tender a long time.

Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

White Velvet. Pods large, white, very smooth, and an abundant bearer of superior quality.

Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

"Perfected" Perkins' Long-Pod. Produces pods four to five inches long in great abundance.

Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

LAWN GRASS SEED

If you desire a perfect lawn, use our "Special" Evergreen Lawn Seed. See page 22 for same.



Waterer's Reliable Mushroom Spawn

English Mushroom Spawn. Made by the best maker in England, especially for our trade. It is made in bricks, of about $1\frac{1}{2}$ lbs., and each brick is sufficient for eight square feet of bed. Per brick, 30c.; 12 bricks, \$2.75; 25 lbs., \$4.00; 50 lbs., \$7.00; 100 lbs., \$12.00.

Pure Culture Mushroom Spawn. "Direct Bricks." This strain is the earliest, and produces a greater quantity than the "Standard." Per brick, 35c.; 5 bricks, \$1.60; 10 bricks, \$3.00; 25 bricks, \$7.00; 50 bricks, \$13.00.

Pure Culture Mushroom Spawn. "Standard Bricks." Per brick, 35c.; 5 bricks, \$1.45; 10 bricks, \$2.75; 25 bricks, \$5.50; 50 bricks, \$9.50.

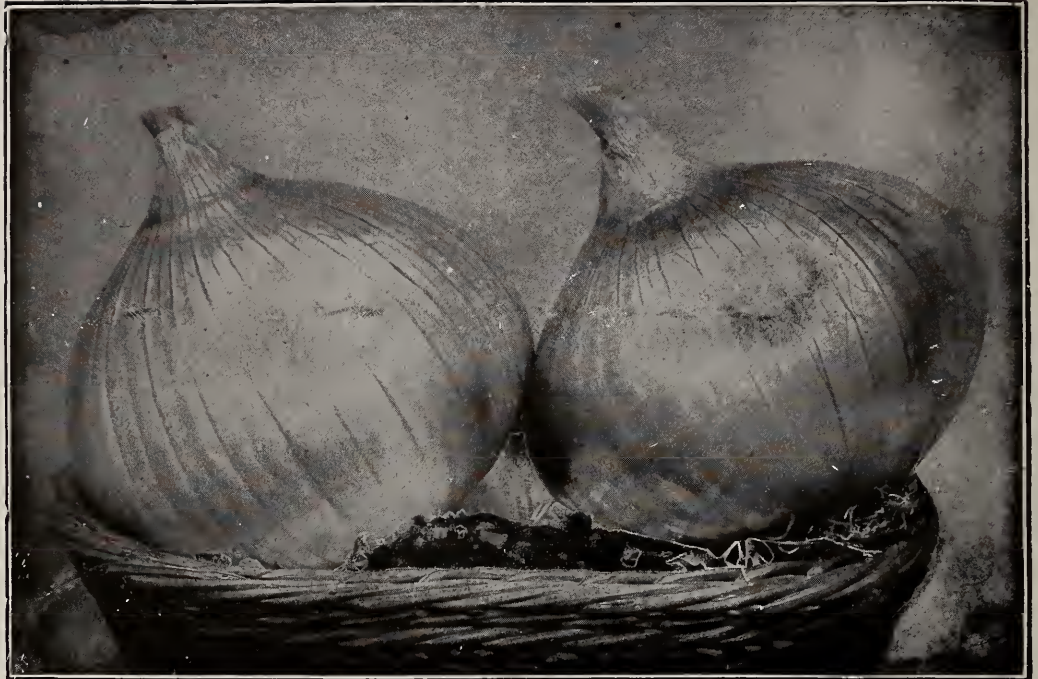
MUSHROOM OR HOTBED THERMOMETERS

Heavy Brass Point style, \$2.00 each

ONIONS

One ounce for 100 feet of drill, 5 to 6 pounds for one acre.

Sow in rich soil, in drills 1 foot apart, as soon as the ground can be worked in the spring; thin out to 2 inches apart in the row, carefully keeping down the weeds. The finest Onions are produced by sowing the seed in a hot-bed in February or March, and transplanting the seedlings to the open ground 3 to 4 inches apart, in April. For sets, sow the seeds as early as possible in the spring, very thickly, in drills; as soon as the tops die off in summer remove them to a dry, airy place; and early in the following spring replant by placing the sets in shallow drills, 12 inches apart, and 2 inches apart in the drills.



AILSA CRAIG ONION

Ailsa Craig (True). One of the largest and handsomest onions, specially valuable for exhibition. It is of globular shape, of a pale straw color, and the flesh is beautifully white and mild. . . . Pkt. 25c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.50.

Prizetaker. Bulbs very large, round and handsome; rich yellow skin and mild, sweet, pure white flesh. Yields enormously. . . . Pkt. 15c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.75.

Yellow Globe Danvers. A standard sort, of globular shape; flesh white and mild-flavored; skin brownish-yellow; an excellent keeper and very productive. Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.

Yellow Dutch, or Strasburg. Bulbs flat, and attain a good size; yellow color, white flesh, mild flavor; it is one of the best keepers. Grown largely for sets. Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.25.

Australian Yellow Globe. Of perfect globe shape and thin-necked; early, productive and a good keeper. Pkt. 15c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.50.

Southport White Globe. An enormous yielder and superb keeper. Perfect globe-shaped, very large, clear white skin, and considered one of the handsomest varieties grown. . . . Pkt. 15c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.50.

White Portugal, or Silver Skin. Largely grown for sets. Bulbs large, with silvery white skin and sweet, tender white flesh; mild-flavored, and excellent for family use and for pickling. . . . Pkt. 15c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.

White Barletta. An excellent pickling variety. Pkt. 15c.; oz. 60c.

Red Wethersfield. Bulbs deep purplish red, flat, strong flavored, and grow to a large size. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.

Southport Red Globe. Globe shaped, a good keeper, and of superior quality. Pkt. 10c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.50.

Australian Improved Brown Globe. The bulbs are perfectly globe shaped; quick to mature; a long keeper, solid and heavy. . . . Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.

Rousham Park Hero. A magnificent variety, grows to an immense size, is of robust constitution and handsome shape, very mild, and a fine keeper. Excellent for exhibition purposes. . . . Pkt. 15c.; oz. 50c.

ONION SETS

(Prices subject to market changes)

Plant in rows 12 inches apart, with sets 2 inches apart in the row.

White	Lb. 35c.; 10 lbs. \$2.50.
Yellow	Lb. 30c.; 10 lbs. \$2.00.
Red	Lb. 35c.; 10 lbs. \$2.50.

PARSLEY

Champion Moss Curled. Extra dark green. Leaves crimped and curled.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Emerald, or Dwarf Extra Curled. Leaves tender, beautifully crimped; handsome; bright green color. Very ornamental. . . . Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Turnip-Rooted, or Hamburg Parsley. The fleshy root is used for flavoring soups, stews, etc.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

PARSNIP

One ounce for 100 feet of drill, 5 to 6 pounds for an acre

Long Smooth, or Hollow Crown. The best variety; roots long, very smooth, white and tender.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.



EMERALD, OR DWARF EXTRA CURLED PARSLEY



Garden Peas



Peas mature earliest in a light, rich soil; for general crop, a rich, deep loam is the best. When grown in gardens sow in double rows six to eight inches apart, the rows two to four feet apart, the tall ones requiring brush. Commence sowing the extra-early varieties as early as the ground can be worked in February or March; and continue for a succession every two weeks until June. Wrinkled Peas are not so hardy as the round sorts, and should not be sown quite so early, but are superior to them in quality. One pound will plant about 50 feet of drill.



GRADUS PEA

Laxtonian. One of the earliest and finest dwarf Peas. The vines are well covered with large, even-sized pods, and each pod contains 9 to 10 Peas of the richest flavor; 18 inches. $\frac{1}{2}$ lb. 30c.; lb. 50c.; 5 lbs. \$2.25; 10 lbs. \$4.00.

Little Marvel. A most desirable dwarf early variety. In season this new sort ripens fully as early as American Wonder or Nott's Excelsior, while the pods are larger and the vines produce a much heavier crop. 15 inches. $\frac{1}{2}$ lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

EARLY VARIETIES

Maud S. One of the best of the early sorts. Vines are vigorous and produce an abundance of pods, well filled with Peas of superior quality; 2 ft.

$\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.25.

Earliest of All, or Alaska. A valuable, early, round Pea, producing a large number of dark-green pods, well filled and of excellent flavor; 2 ft.

$\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.00.

Gradus, or Prosperity. An extra-early, large-podded wrinkled Pea. The pods resemble Telephone in size and shape, and are well filled with large Peas of delicious flavor; 2½ ft. $\frac{1}{2}$ lb. 30c.; lb. 55c.; 5 lbs. \$2.50; 10 lbs. \$4.50.

Thomas Laxton. A strong grower and as productive as the well-known Gradus. The pods are of a dark-green color, filled with large Peas of superb flavor; 2½ ft.

$\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.50; 10 lbs. \$3.50.

Nott's Excelsior. This excellent dwarf wrinkled extra-early Pea is robust and vigorous and produces in profusion handsome pods, closely packed with large Peas of fine flavor; 15 inches.

$\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.00.

The Pilot. One of the earliest sorts. The vines are very robust and carry a heavy crop of large pods, well filled with richly flavored Peas; 3 ft.

$\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.50.

Sutton's Excelsior. A dwarf early Pea, growing about 18 inches high. Pods large and well filled with deliciously flavored Peas. Ready for picking with Nott's Excelsior.

$\frac{1}{2}$ lb. 30c.; lb. 50c.; 5 lbs. \$2.25; 10 lbs. \$4.00.

The Leader. A grand new early Pea. The vines grow three feet high, make a vigorous growth and produce the large pods in great abundance fully as early as "Gradus," but usually larger and more pods to each plant. It is hardy and may be planted very early, thus providing a supply of luscious Peas at a very early season.

$\frac{1}{2}$ lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

American Wonder. Extra-early, fine flavor and productive; 1 ft. $\frac{1}{2}$ lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Surprise Pea. This Pea is one of the earliest of the wrinkled sorts. Vines grow about two feet high, and are enormously productive.

$\frac{1}{2}$ lb. 30c.; lb. 50c.; 5 lbs. \$2.25; 10 lbs. \$4.00.

Eureka Extra Early. 2 ft.

$\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.25.

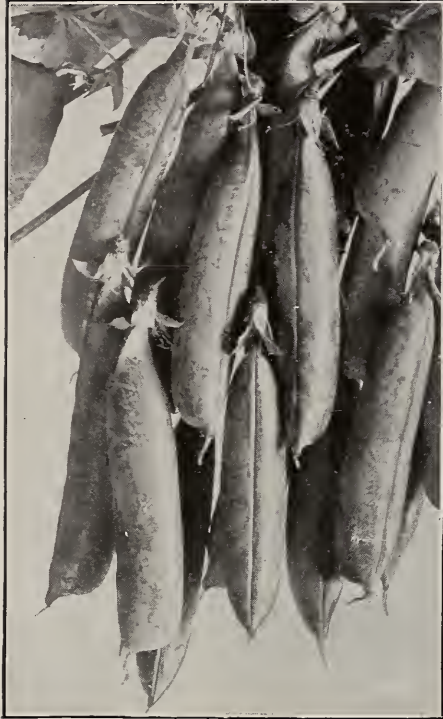
Dandy Extra Early. 2 ft.

$\frac{1}{2}$ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.25.

The Pea crop is very short this year, and on some varieties was a total failure.

Note.—Peas are now quoted by the pound, instead of the old method of selling by the pint, quart, etc.

GARDEN PEAS—(Continued)



MAUD S. PEA

SECOND EARLY PEAS

Shropshire Hero. A robust grower, producing abundantly long handsome pods, well filled with large Peas of excellent flavor; 2½ ft.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.50.

Abundance. Long, round, well-filled pods, containing from 6 to 8 large wrinkled Peas of fine quality; 1½ ft.

½ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.00.

Advancer. A dwarf green, wrinkled Pea, with numerous long, well-filled pods, containing Peas of the finest quality; 2 ft. ½ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.00.

Heroine. A medium early wrinkled Pea, and one of the best; large, showy pods; an immense cropper. Peas of the finest quality; 2½ ft.

½ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.00.

LATE OR MAIN CROP PEAS

Improved Stratagem. A dwarf, wrinkled marrow; heavy cropper, with large, well-filled pods; Peas finest quality; 2 ft. . ½ lb. 30c.; lb. 50c.; 5 lbs. \$2.25; 10 lbs. \$4.00.

Alderman. A large-podded, late, wrinkled variety of vigorous growth, 3½ to 4 feet high; very productive; pods 4 to 5 inches long, well filled with large Peas of excellent flavor. . . . ½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.50.

Telephone. A tall and very robust grower, bearing pods of unusual length, closely filled with Peas of large size, and of most delicious flavor; 4 ft.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

Long Island Mammoth. A very productive variety, very large pods and Peas; 3 ft.

½ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$2.75.

Yorkshire Hero. A splendid main crop Pea; long, round pods, closely filled with large, luscious Peas; 2½ ft.

½ lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

Carter's Daisy, or Dwarf Telephone. Pods large, well filled, often containing 10 Peas of the largest size; 2 ft.

½ lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

LATE OR MAIN CROP PEAS—(Continued)

Champion of England. A well-known standard variety; fine flavored and an abundant cropper; 5 ft.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.50.

Duke of Albany. (American Champion.) One of the largest of all Peas; immense pods; enormously productive; 4 ft. ½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.50.

Dwarf Champion. A dwarf form of the popular Champion of England, with large pods; very productive, finest quality; 2½ ft.

½ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.00.

SUGAR OR EDIBLE POD PEAS

Melting Sugar: Edible Podded. The pods are cooked like Snap Beans and are very sweet and tender; 3 ft.

½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

Dwarf Gray Sugar. Gray seed; 4 ft.

½ lb. 20c.; lb. 30c.; 5 lbs. \$1.25.

Luscious Melting Sugar. Grows to the height of 5 ft.; bears a profusion of large, broad pods, which are so brittle that they snap without any string. They should be used in much the same way as a wax bean. The pods when cooked are very sweet and tender.

½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

SEED POTATOES

By planting our Northern grown seed you are assured of early maturity, increased yield and a vigorous growth. Plant in early spring, in rows 3 feet apart and plants 15 to 18 inches apart in row. Cultivate constantly and thoroughly, finally ridging the loose soil against the rows. A second or late spring planting is often made. Store in frost-proof cellar in winter. Our Potatoes are all specially raised for seed purposes, true to name, and are exceptionally fine in quality.

Prices for potatoes on application

Irish Cobbler. A fine, extra-early sort, producing plump, handsome tubers of good size and excellent quality.

Bovee. One of the best very early sorts, maturing before the Early Rose, and much more productive than that favorite sort.

Early Rose. The popular standard early variety; uniform in size and very productive.

Bliss' Triumph. An extra-early variety. The tubers are round, skin bright red, flesh white, very productive and of fine quality.

Early Ohio. Round, oblong, smooth tubers; very early, of fine quality.

Beauty of Hebron. A popular early sort and one of the best; red and white skin and pure white flesh; quality excellent; productive and a good keeper.

White Star. A medium early variety of fine quality; large, oblong, uniform-sized tubers, remarkably productive.

State of Maine. A late or main crop variety, producing tubers of exceptionally fine table quality. Tubers are uniformly large and of broad, flattened, oval form.

Rural New Yorker, No. 2. A valuable variety of large size, very smooth and a great cropper; in quality unexcelled. It is the best late, long keeper.

Carman No. 3. A good late variety, and one of the greatest yielders; large, oblong, slightly flattened.

Gold Coin. A splendid main crop variety of remarkable productiveness and finest table quality; slightly oblong form.

World's Wonder. A round, white, main crop variety, said to outyield the older varieties 50 to 60 bus. per acre. Ripens about the same time as Carman No. 3.

PEPPER

Sow in hotbeds in March or April, and, when the season is favorable, transplant in rows 2 feet apart and 18 inches in row, in good rich ground.

Pimiento. The sweetest pepper grown. When fully ripe, a brilliant red; very attractive.

Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.

Neapolitan. The earliest of all large mild red peppers; skin and flesh bright red. . . . Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.

Large Bell, or Bull Nose. Large, early variety, mild flavor, thick and fleshy. . . . Pkt. 10c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.

Chinese Giant. The largest mild red pepper. The flesh is quite thick, very mild, and remarkably sweet.

Pkt. 15c.; $\frac{1}{2}$ oz. 45c.; oz. 85c.

Ruby Giant. A new variety which is of a very desirable size and shape for stuffing. . . . Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.

Ruby King. A popular, large fruiting variety; very thick flesh of fine, mild flavor. Pkt. 15c.; $\frac{1}{2}$ oz. 40c.; oz. 75c.

Long Red Cayenne. The pods are long and slender; bright red color, and very pungent.

Pkt. 10c.; $\frac{1}{2}$ oz. 25c.; oz. 45c.

Red Chili. Red conical pods, about 2 inches long, very hot and prolific. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.

Red Cherry. Small, round, scarlet, cherry-like fruits.

Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.

Celestial. Creamy white to scarlet, ornamental and prolific. Pkt. 10c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.

PUMPKIN

Sow in good soil in May, when the ground has become warm, in hills 8 or 10 feet apart each way, or in fields of corn about every fourth hill.

Quaker Pie. A fine-grained, oval-shaped pumpkin of rich flavor. Stored in a warm, dry place, it is an excellent keeper. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Small Sugar. A fine pie pumpkin, small, but very sweet; fine grained, and of the best quality. The skin is deep orange, and flesh rich yellow.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

Winter Luxury. Golden yellow, finely netted, shape round; flesh very rich, unequaled as a winter keeper, and one of the best for pies.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Golden Oblong. Very hardy and productive; pumpkins 15 to 20 inches in length and 8 to 10 inches in diameter. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

White Cushaw. A white crookneck variety of excellent quality. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

Large Cheese. Flat; one of the best for family use.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Large Yellow Field. Very productive; grown largely for feeding stock. . . . Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

King of the Mammoths. Grows to an enormous size.

Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

RHUBARB

Rhubarb succeeds best in deep, rich loam; the richer its condition, and the deeper it is stirred, the better, as it is scarcely possible to cultivate too deeply or to manure too highly. It is propagated by seeds, or by division of the roots—the latter being the usual method. Sow the seed in drills eighteen inches apart, and thin out the plants to 6 inches apart in the drills. When the plants are one year old transplant into beds, setting the plants 4 feet apart each way. Do not cut until the second year and give a liberal dressing of manure every fall.

Excelsior or Victoria Improved.

Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Rhubarb Roots. \$1.25 per doz.; \$7.00 per 100.



CARDINAL, OR SCARLET GLOBE RADISH

RADISH

Sow as soon as the ground is dry in the spring, in rows 8 to 12 inches apart, and thin to 2 inches in the row every week or ten days for a succession, up to the middle of June. They should be sown in light, rich soil, as a crisp Radish cannot be produced in heavy soils. Sow also in early fall for late crops and winter use.

Cardinal, or Scarlet Globe. An excellent variety for forcing or out-of-door culture; brilliant scarlet; fine globe-shaped, with small top. Very crisp and tender.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.25.

Non Plus Ultra Forcing. Round, deep scarlet, crisp and tender, short-leaved. . . . Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Extra Early Scarlet Turnip, Forcing. A small top and as early as any variety in cultivation; roots small, globular, deep rich red color. Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Earliest White, or White Rocket. Oval shape; very small root, small top; flesh white, tender and crisp.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Crimson Giant Forcing. This variety will grow a medium size as quickly as any; it also remains crisp, firm and solid until double the size of others.

Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

White Box. Turnip-shaped, pure white Radish; early; fine for forcing and outdoors.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

Scarlet Turnip White Tipped. One of the most popular and attractive short varieties. It is globe-shaped, bright rose-carmine with bottom and tip clear white.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

RADISH—(Continued)

Early Scarlet Turnip. Small top, quick growth, mild and crisp.....Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Golden Globe. Yellow skin, white flesh; for summer use.....Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Early French Breakfast. Oval form; color scarlet, with white tip; excellent quality and of quick growth.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Bright Breakfast. This is similar to the French Breakfast, but is of brightest scarlet, which contrasts finely with the clear white tip.....Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Half-long Deep Scarlet (Paris Beauty). Color, bright scarlet. Flesh pure white, crisp and juicy.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Early Long Scarlet, Short Top. The roots grow 5 to 6 inches long, straight, smooth and of a bright rich scarlet color. The flesh is crisp and tender.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Icicle. Grows three to four inches long; matures in twenty-five days after sowing. Is the most transparent of any Radish.....Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Strasburg. One of the best of the long summer sorts; skin and flesh pure white. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

Chartier. A very attractive sort; color bright salmon-scarlet, shading to white; very crisp, tender and mild.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Long Black Winter. One of the hardiest and best for winter use.....Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Round Black Winter. Similar to Long Black Winter, except in shape.....Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

Scarlet China Winter. One of the best fall and winter varieties.....Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

White Chinese, or Celestial. The finest of all extra large white winter radishes; the flesh is always crisp, mild, and juicy.....Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.



EARLY LONG SCARLET RADISH

SALSIFY (or Vegetable Oyster)

Sow early in the spring, in drills 15 inches apart, 1 inch deep; thin to 6 inches in rows.

Mammoth Sandwich Island. This is the largest and most profitable salsify now in cultivation.

Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

SORREL

Sow in shallow drills twelve inches apart, and thin out the young plants to six inches.

Long-Leaved French....Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.



LONG SEASON SPINACH

SPINACH

One ounce will sow 100 feet of drill; 10 to 12 pounds in drills for an acre

Sow early in spring, in drills a foot apart, every two weeks for a succession. For fall use sow in August, and for winter crop in September. Cover that which is left out over winter with straw or leaves after the weather becomes quite cold. Sow the seeds of New Zealand in hills 2 feet apart each way, three or four seeds in a hill; it can be cut for use all summer.

Victoria. Heavy, round, dark green leaves; a fine variety for spring sowing.

Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Long Season. A splendid variety for sowing in the spring, and at monthly intervals for a successional summer supply.....Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Long Standing. One of the best to withstand hot weather. The leaves are large, round, thick, curled, and of dark green color.

Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Bloomsdale Savoy Leaved. A heavy cropper of fine quality and very hardy. The best for fall sowing.

Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Prickly, or Fall. An exceedingly hardy variety, adapted for fall sowing. .Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

New Zealand. This endures heat, and is best for summer.....Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.



MAMMOTH WHITE BUSH SQUASH

SQUASH

Sow in hills in the same manner and at the same time as cucumbers and melons, the bush varieties 3 or 4 feet apart, and the running kinds 6 to 8 feet apart.

One ounce will plant 25 hills; 4 to 6 lbs. will plant an acre.

EARLY VARIETIES

Mammoth White Bush (White Patty Pan). A well-known variety of dwarf habit and upright growth. Surface comparatively smooth; color greenish white while young, then changing to creamy white. One of the best and most popular sorts.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Mammoth Yellow Bush, or **Golden Custard**. This is identical with the Mammoth White Bush, but the fruits are larger and have a rich, golden-orange skin, as well as rich, creamy-yellow flesh.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Mammoth Bush Summer Crookneck. Early and of extra fine quality; orange-yellow in color.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Vegetable Marrow. A delicious English sort; skin greenish-white, flesh white, soft and of rich flavor.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.

FALL AND WINTER VARIETIES

Delicious. In size it resembles the Hubbard. In thickness of flesh it surpasses nearly every variety. The color is a dark bronze green. For table use no other variety compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness, and exceeding richness of flavor. It is best in the fall and early winter.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

Golden Bronze. The squashes are oval in form; skin dark grayish green, deepening to bronzy green when ripened; flesh thick, deepest orange-yellow in color, fine grained, very sweet in flavor and a splendid keeper.

Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

Hubbard. One of the best winter squashes; flesh bright orange-yellow, fine grained, very dry, sweet and richly flavored. Fruit large oval shaped, skin green, rough, covered with warts. Excellent keeper.

Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

Golden Hubbard. The same as the above, but with skin of a rich orange color.

Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.75.

TOMATO

Our Tomato Seed is taken from selected fruits and is superior in every way

Sow thinly about the first week in March in a hotbed, greenhouse or window, where the temperature is never below 60 degrees. When two inches high set out the plants in boxes about four inches apart, or pot singly. After all danger of frost is past they may be transferred to the open ground. Set them deeply, four feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill. If the vines are trained on trellis, the fruit will be finer and larger.

Sparks' Earliana. One of the best and most popular extra-early sorts. The fruits are good size, red in color, quite smooth and are produced in great profusion.

Pkt. 10c.; $\frac{1}{4}$ oz. 20c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.

Chalk's Early Jewel. Within a week to ten days as early as the famous Sparks' Earliana, it is even a heavier cropper, with Tomatoes of larger size and sweeter flavor, while its more robust growth makes it a surer cropper. Large, handsome fruits, very solid, deep through. Color brightest scarlet, ripening right up to the stem without any cracks or green core. Flesh thick, bright scarlet, solid, with comparatively few seeds and of sweet flavor.

Pkt. 10c.; $\frac{1}{4}$ oz. 20c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.

June Pink. Ripens as early as Sparks' Earliana and ten days to two weeks earlier than Chalk's Early Jewel. It is an enormous bearer, clusters of six to ten fruits being borne at the crown and at the forks of the branches. The fruit is of medium size, uniform, smooth and attractively shaped, without cracks or any green core.

Pkt. 10c.; $\frac{1}{4}$ oz. 20c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.

Early Detroit. A good large, early purple sort. Fruits average $3\frac{1}{4}$ inches in diameter, are thick through and solid. A very prolific sort.

Pkt. 10c.; $\frac{1}{4}$ oz. 20c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.

Matchless. One of the finest, smoothest main crop tomatoes in cultivation. Of rich cardinal red color, with solid flesh of finest quality. Grows to good size, which it maintains throughout the season.

Pkt. 10c.; $\frac{1}{4}$ oz. 15c.; $\frac{1}{2}$ oz. 25c.; oz. 40c.

"Bonny Best." Of about the same season as Chalk's Jewel, but fruits average somewhat smaller. They are of bright scarlet color, always smooth and of remarkably uniform size and shape. An elegant sort for market and shipping on account of its even size. Well adapted for forcing under glass.

Pkt. 10c.; $\frac{1}{4}$ oz. 20c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.

The Stone. The largest, bright red, perfectly smooth, highest yielding, best keeping, finest flavored main-crop variety. Pkt. 10c.; $\frac{1}{4}$ oz. 15c.; $\frac{1}{2}$ oz. 25c.; oz. 45c.

Dwarf Stone. The plants are of dwarf, sturdy growth and very productive; fruit bright red, similar in appearance to the Stone.

Pkt. 10c.; $\frac{1}{4}$ oz. 20c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.

Livingston's Paragon is an immense cropper. In time of ripening it is a medium or early main-crop sort. The fruits are of large size and remain so throughout the season until late in the fall. Flesh is solid and of superior quality. Pkt. 5c.; $\frac{1}{4}$ oz. 15c.; $\frac{1}{2}$ oz. 20c.; oz. 35c.

Livingston's Favorite. Favorite is one of the best shaped, largest, bright red Tomatoes in existence. The fruit ripens evenly, is always smooth, free from cracks, and holds its size to the end of the season. Flesh is of good flavor, very solid, with few seeds.

Pkt. 5c.; $\frac{1}{4}$ oz. 15c.; $\frac{1}{2}$ oz. 20c.; oz. 35c.

Ponderosa. The fruit ripens early and bears well until very late; very solid, almost seedless, of good sub-acid flavor and of immense size, frequently weighing considerably more than 2 pounds. Somewhat scattered on the vine, and a percentage are rather rough. Good Tomato for home use; splendid slicer. . Pkt. 15c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.



TOMATO—(Continued)

Livingston's Hummer. Is round as a ball, smooth as an apple, a good variety for forcing, also very prolific, and has very little indenture about the stem end. The flesh is a rich crimson scarlet, and of the very best quality.
Pkt. 10c.; $\frac{1}{4}$ oz. 20c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.

Livingston's Coreless. Is immensely productive; clusters of 4 to 7 fruits are produced at six to eight inches apart along the stem. Always free from green core. A grand, good slicing variety, the seed cells being surrounded by bright-red, heavy, meaty and delicious flesh.
Pkt. 10c.; $\frac{1}{4}$ oz. 20c.; $\frac{1}{2}$ oz. 30c.; oz. 50c.

Livingston's Globe. Fruit globe-shaped, very early, large-sized, smooth and firm-fleshed; very productive; in color, glossy rose, tinged with purple; quality excellent.
Pkt. 10c.; $\frac{1}{2}$ oz. 25c.; oz. 45c.

Golden Queen. "Queen of all the Yellows." Its superior flavor has brought it into general favor as a table fruit. It is solid, always smooth, entirely free from ridges, large in size, ripens early.
Pkt. 10c.; $\frac{1}{2}$ oz. 35c.; oz. 60c.

FORCING TOMATOES

The following varieties are excellent for growing under glass during winter as well as for outdoor culture.

Ailsa Craig (Balch's). A very heavy cropper of perfect shaped fruit; excellent flavor. A free setter....Pkt. 35c.

Best of All. Fruit is produced in bunches and very solid.....Pkt. 10c.

Carter's Sunrise. Round, medium size, smooth, bright scarlet. Heavy cropper. Very few seeds.....Pkt. 25c.

Fillbasket (Balch's). A most healthy and vigorous cropper of well-formed, medium-sized fruit.....Pkt. 35c.

Stirling Castle. An exceedingly heavy cropper, medium size, smooth, round and red color.....Pkt. 25c.

SMALL-FRUITED TOMATOES

Largely used for making fancy pickles, preserves, etc.

Plum-Shaped Yellow, Pear-Shaped Red, Pear-Shaped Yellow, Red Cherry....Each at 5c. per pkt.; 50c. per oz.

TURNIP

For early use, sow as soon as ground opens in spring, in drills 18 inches apart; thin out to 7 inches in the rows. For succession, continue to sow every two weeks until June; for fall and winter crop, sow in July and August.

Perfect Model. The handsomest, earliest, and most perfectly formed white Turnip in cultivation. The roots are beautiful in shape, pure white in color, and delicious in flavor, while as an exhibition Turnip it has no equal.

Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

Purple Top White Globe. A very handsome globe-shaped variety; valuable for table or stock.

Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

Purple Top Strap-Leaf. Most extensively used of the flat Turnips. White skin and flesh, with purplish top. Quite early and very sweet and tender.

Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

Early White Strap-Leaf. A fine early variety for family use.....Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

Golden Ball. This is the most popular of all the yellow garden varieties; shape perfectly globular; skin deep orange-yellow, and flesh of the finest quality.

Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

Yellow Globe. An excellent sort for early or late sowing; good cropper, fine keeper; excellent for table or stock.

Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

Yellow Aberdeen Purple Top. A very hardy and productive variety of excellent quality; good for either table or stock.....Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

RUTA-BAGA, OR SWEDISH TURNIP

Improved Purple Top. (Special Strain.) Very hardy and productive; flesh yellow, solid and sweet; excellent for stock or table...Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.25.



"PERFECT MODEL" TURNIP

SWEET, POT AND MEDICINAL HERBS

Herbs delight in a rich, mellow soil. Sow seeds early in spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant. They should be cut on a dry day just before they come into full blossom, tied in small bunches and hung up to dry.

Anise (*Pimpinella anisum*). A hardy annual, the seed being used for seasoning food and for medicinal purposes. Pkt. 10c.; oz. 25c.

Balm (*Melissa officinalis*). A perennial herb used for seasoning. Pkt. 15c.; oz. 50c.

Basil, Sweet (*Ocimum basilicum*). A hardy annual. Used for seasoning soups, meats and salads. Pkt. 10c.; oz. 25c.

Borage (*Borago officinalis*). The leaves are used for flavoring. Pkt. 10c.; oz. 25c.

Caraway (*Carum carui*). A biennial herb, grown for its seeds, which are used for flavoring breads, cakes and cheese. Pkt. 10c.; oz. 25c.

Catnip or Catmint (*Nepeta cataria*). A hardy perennial, the leaves of which are used for medicinal purposes. An excellent tonic for cats. Pkt. 15c.; oz. 50c.

Coriander (*Coriandrum sativum*). The seeds are used for flavoring pastry, confectionery, etc. Pkt. 10c.; oz. 25c.

Dill (*Anethum graveolens*). An annual herb; seeds are used for seasoning and the foliage for flavoring, etc. Pkt. 10c.; oz. 25c.

Fennel, Sweet (*Foeniculum Officinale*). A hardy perennial, the leaves of which are used in soups, garnishes, and salads. Pkt. 10c.; oz. 25c.

Horehound (*Marrubium vulgare*). A hardy perennial used in confectionery and medicines for coughs and colds. Pkt. 10c.; oz. 25c.

Lavender (*Lavandula vera*). An aromatic herb. Pkt. 15c.; oz. 35c.

Sweet Marjoram (*Origanum marjorana*). A half-hardy perennial; the leaves are used for flavoring or seasoning. Pkt. 15c.; oz. 60c.

Rosemary (*Rosmarinus officinalis*). A hardy perennial; the leaves are used for seasoning and medicinal purposes. Pkt. 15c.

Sage (*Salvia officinalis*). A hardy perennial; leaves have a pleasant smell and are used for seasoning. Pkt. 10c.; oz. 40c.

Summer Savory (*Satureia hortensis*). A hardy annual; leaves used for flavoring dressings and soups. Pkt. 15c.; oz. 60c.

Winter Savory (*Satureia montana*). A hardy perennial, the leaves of which are used for seasoning. Pkt. 15c.; oz. 60c.

Thyme, Broad-Leaved English (*Thymus vulgaris*). A perennial, with fragrant leaves, which are used for seasoning. Pkt. 15c.; oz. \$1.00.

Thyme, French Summer. Used for seasoning. Pkt. 15c.; oz. 50c.

Wormwood (*Artemisia Absinthium*). A hardy perennial; the leaves have a strong, bitter flavor, and are used in medicines for tonics. Pkt. 15c.; oz. 50c.

VEGETABLE PLANTS AND ROOTS

Asparagus Roots. Strong 2 yr. old. \$1.00 per 100; \$4.00 per 500; \$7.50 per 1000.

Cabbage Plants. 50c. per 100; \$4.00 per 1000.

Cauliflower Plants. From hotbed. 25c. per doz.; \$1.50 per 100.

Chives. 15c. per clump; \$1.50 per doz.

Egg Plants. Pot grown. 75c. per doz.; \$5.00 per 100.

Horse Radish Roots. Bohemian. \$1.50 per 100; \$9.50 per 1000.

Horse Radish. Common variety. 75c. per 100; \$6.00 per 1000.

Lettuce. 50c. per 100.

Peppermint. 15c. each; \$1.50 doz.; \$8.00 per 100.

Spearmint. 15c. each; \$1.50 doz.; \$8.00 per 100.

Peppers. Pot-grown. 50c. doz.; \$4.00 per 100.

Rhubarb Roots. \$1.25 doz.; \$7.00 per 100.

Sweet Potato Plants. 60c. per 100; \$5.00 per 1000.

Tarragon. 25c. each; \$2.50 per doz.

Thyme. 15c. each; \$1.50 per doz.

Tomato Plants. Pot-grown. 60c. per doz.; \$4.50 per 100.

BEDDING PLANTS FOR SUMMER USE

Ageratum. Blue and white. \$1.50 doz.; \$10.00 per 100.

Alternanthera. Red and green. \$1.25 doz.; \$8.00 per 100.

Alyssum. \$1.25 doz.; \$8.00 per 100.

Antirrhinum. \$1.60 doz.; \$12.00 per 100.

Asters. \$1.00 doz.; \$6.00 per 100.

Begonia Vernon. Bright red. \$1.75 doz.; \$12.00 per 100.

Coleus. \$1.25 doz.; \$8.00 per 100.

Cosmos. \$1.00 doz.; \$6.00 per 100.

Dracaena Indivisa. \$5.00 and \$10.00 per doz.

English Daisy. \$1.25 doz.; \$8.00 per 100.

Fuchsia. \$1.50 doz.; \$10.00 per 100.

Heliotrope. \$1.75 doz.; \$12.00 per 100.

Lantana. \$1.50 doz.; \$10.00 per 100.

Lemon Verbena. \$1.75 doz.; \$12.00 per 100.

Lobelia. \$1.25 doz.; \$8.00 per 100.

Myosotis. \$1.50 doz.; \$10.00 per 100.

Nasturtiums. Dwarf. \$1.25 doz.; \$8.00 per 100.

Pansies. \$1.25 doz.; \$9.00 per 100.

Petunias, Single. \$1.25 doz.; \$8.00 per 100.

Petunias, Double. \$1.75 doz.; \$12.00 per 100.

Salvia (Scarlet Sage). \$1.75 doz.; \$12.00 per 100.

Stocks. \$1.75 doz.; \$12.00 per 100.

Verbenas. \$1.25 doz.; \$8.00 per 100.

Variegated Vinca. \$2.75 doz.; \$20.00 per 100.

Zinnias. \$1.25 doz.; \$8.00 per 100.

Geraniums. \$2.00 doz.; \$12.00 per 100.



LAWN VIEW



WATERER'S SUPERIOR GRASS SEED MIXTURES



We devote very great care in preparing mixtures of grasses, and we are perfectly convinced of their superiority, owing to the yearly increasing demand and the many unsolicited testimonials received. Mixtures of grasses to order of any formula furnished. No charge for mixing.

LAWN GRASS SEED

Waterer's "Special" Evergreen Lawn Mixture

This is the very finest mixture that can be made, and should always be used where a very fine lawn is wanted. It is composed of a combination in proper proportions of the best natural lawn grasses, so as to produce a continuous good lawn from early spring until late in the fall, and the ingredients are the highest grade of re-cleaned seeds only.

1 lb. 40c.; 5 lbs. \$1.75; 10 lbs. or more, 30c. per lb.

Waterer's "Popular" Evergreen Lawn Mixture. In this mixture the quantities of some of the more expensive grasses are reduced or left out in order to bring the price down to a moderate figure.

1 lb. 35c.; 5 lbs. \$1.50; 10 lbs. or more, 25c. per lb.

Waterer's Mixture for Shady Places. A mixture of grasses best adapted for sowing in shady places, where other grasses will not thrive.

1 lb. 45c.; 5 lbs. \$2.00; 10 lbs. or more, 35c. per lb.

Waterer's Putting Green Mixture. A mixture of extra fine grasses that will make a close, firm, green and lasting turf. . . 1 lb. 45c.; 5 lbs. \$2.00; 10 lbs. or more, 35c. per lb.

Waterer's Tennis Court Mixture. A mixture of extra fine grasses for tennis courts, and which will make a firm, green and lasting turf of the finest texture.

1 lb. 45c.; 5 lbs. \$2.00; 10 lbs. or more, 35c. per lb.

Waterer's Polo Ground Mixture. A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage.

1 lb. 35c.; 10 lbs. or more, 25c. per lb.

Waterer's Permanent Pasture Mixture. Containing only the most suitable grasses that will afford an abundant and nutritious food supply for stock. Sow 50 lbs. to the acre. 1 lb. 25c.; 10 lbs. or more, 20c. per lb.

THE MULFORD NITRO-GERM

Can be had for any of the following crops and will increase their yield and improve the soil: Alfalfa, Alsike, Crimson Clover, Red Clover, White Clover, Canada Field Peas, Cow Peas, Garden Peas, Beans (Pole or Bush), Soja Bean, Spring and Winter Vetches, and Sweet Peas.

It is supplied in the following sizes:

Garden Size ($\frac{1}{4}$ acre)	\$0.50
One Acre Size	1.50
Five Acre Size	5.00

Be sure to always specify what crop it is wanted for when ordering.

Waterer's Extra Re-cleaned Grass and Clover Seeds



We handle but one Grade—that is the VERY BEST

(Prices subject to market changes)

	Weight Per bus. lbs.	Per lb.	Per bus.
Blue Grass Fancy Kentucky (<i>Poa pratensis</i>). For pastures and lawns it has no superior. It is usually sown mixed with fine grasses.....	14	\$0.35	\$4.50
Blue Grass Canadian (<i>Poa compressa</i>). A hardy perennial grass, with creeping root-stalks, forming a close turf. Thrives well on clay soil.....	14	Price on application	
Creeping Bent Grass (<i>Agrostis stolonifera</i>). Excellent for lawns; makes a low velvety growth.....	20	Price on application	
Crested Dogtail (<i>Cynosurus cristatus</i>). A stoloniferous perennial, forming a smooth, compact, and lasting turf. Its roots penetrate deeply into the ground, which enables it to stand severe droughts. Valuable in mixtures for lawns and putting greens.....	21	.50	9.00
English Rye Grass (<i>Lolium perenne</i>). Fancy. A carefully selected, short-seeded, dwarf-growing strain, suitable for lawns.....	24	.25	4.25
Fine-Leaved Sheep's Fescue (<i>Festuca ovina tenuifolia</i>). A very fine leaved grass, dwarf in habit. Excellent for lawns.....	14	Price on application	
Hard Fescue (<i>Festuca duriuscula</i>). One of the most desirable dwarf grasses, excellent for dry soils.....	12	Price on application	
Italian Rye Grass (<i>Lolium italicum</i>). Adapted to any climate, and produces large and nutritive crops.....	18	.25	4.00
Meadow Fescue (<i>Festuca pratensis</i>). A valuable grass for permanent pastures; very productive and nutritious.....	22	.40	7.70
Meadow Foxtail (<i>Alopecurus pratensis</i>). One of the earliest and best pasture grasses. And is highly relished by stock.....	7	.55	3.50
Orchard Grass (<i>Dactylis glomerata</i>). A valuable pasture grass; and makes excellent hay.....	14	.40	4.50
Red, or Creeping Fescue (<i>Festuca rubra</i>). Valuable for lawns, and suitable for sandy soils.....	14	Price on application	
Red Top, or Herds Grass (<i>Agrostis vulgaris</i>). Extra Re-cleaned Seed. A valuable grass for meadows, pastures and lawns, where permanent grasses are desirable.....	32	.30	7.75

	Weight Per bus. lbs.	Per lb.	Per bus.
Rhode Island Bent (<i>Agrostis canina</i>). Excellent for lawns.....	14	Price on application	
Rough-Stalked Meadow (<i>Poa trivialis</i>). Good on either moist or dry soils.....	14	Price on application	
Sheep's Fescue (<i>Festuca ovina</i>). An excellent grass for sheep pastures.....	12	Price on application	
Sweet Vernal Grass (<i>Anthoxanthum odoratum</i>). It should be sown in connection with other grasses.....	10	Price on application	
Tall Meadow Oat Grass (<i>Avena elatior</i>). Recommended as one of the best pasture grasses.....	10	Price on application	
Timothy (<i>Phleum pratense</i>). A most valuable grass for hay.....	45	\$0.20	Market Price
Wood Meadow Grass (<i>Poa nemoralis</i>). Especially desirable for sowing on shaded lawns and woodland parks, where other grasses will not grow.....	14	Price on application	

CLOVER SEED

(Highest Grades Only)

	Weight Per bus. lbs.	Per lb.	Per 100 lbs. Market Price
Red Clover, Medium (<i>Trifolium pratense</i>). The leading variety of clover for pastures or meadows. Sow at the rate of 12 lbs. per acre if no other grasses are used. Market price.....	60	\$0.60	
White Clover (<i>Trifolium repens</i>). Some white clover is usually included in lawn grass mixtures. It makes an excellent turf that stands constant trampling. It is valuable in permanent pastures, its foliage being sweet and nutritious.....	60	.65	Market Price
Alsike, or Swedish (<i>Trifolium hybridum</i>). Valuable for sowing with other clover or grasses, as it forms a thick bottom and increases the yield of hay.....	60	.50	Market Price
Alfalfa, or Lucerne (<i>Medicago sativa</i>). Where this variety succeeds well, it is probably one of the most valuable of all clovers. Sow alone at the rate of 20 to 25 lbs. to the acre.....	60	.40	Market Price
Crimson, or Scarlet Clover (<i>Trifolium incarnatum</i>). An annual variety producing large crops of green forage, or if cut while in bloom will make excellent hay. Sow at the rate of 20 lbs. to the acre.....	60	.40	Market Price

Field Seeds

(Prices subject to market changes)

CORN, FIELD VARIETIES

"Extra Selected, Hand Picked"

Sow eight quarts to the acre in early May.

Golden Beauty. The largest grained and handsomest Yellow Corn..... Write for prices.

Reid's Yellow Dent. A carefully selected strain. Write for prices.

Improved Leaming. A very popular and productive variety..... Write for prices.

White Cap Extra Early..... Write for prices.

OATS

Oats, Welcome. An excellent variety, productive and heavy; sow 3 bushels to the acre. (Bush. of 32 lbs.) Write for prices.

RYE

Spring Rye. Used as a catch crop where winter grain has failed; 1½ bushels to acre. (Bush. of 56 lbs.) Write for prices.

Thousandfold Winter Rye. In hardiness and yield this variety stands foremost..... Write for prices.

Peas, Canada Field. Valuable for sowing with oats for green fodder..... (Bush. of 60 lbs.) Write for prices.

MILLET

Hungarian Millet. The quickest of catch crops for hay. Sow one bushel to the acre. (Bush. of 48 lbs.) Market price.

German, or Golden Millet. A valuable annual hay and fodder crop; one bushel to acre. (Bush. of 50 lbs.) Market price.

Cow Peas, Whip-Poor-Will. A valuable and nutritious green forage or hay crop. One bushel to the acre in drills. 2½ bushels to the acre broadcast. (Bush. of 60 lbs.) \$10.00 per 100 lbs.

DWARF ESSEX RAPE

It is excellent for sheep pasture and also for soiling. It may be sown in May. In drills, sow 5 lbs. to acre; broadcast, 10 lbs. to acre..... Lb. 25c.

VETCHES

Spring Vetches, or Tares (*Vicia sativa*). Sown broadcast at the rate of 60 to 100 lbs. to the acre. Write for prices.

Winter Vetches (*Vicia villosa*). Recommended for fall sowing with rye, which serves as a support. Sow one bushel per acre, together with one-half bushel of rye. Write for prices.

FLOWER SEED NOVELTIES AND SPECIALTIES



COSMOS "NEW DOUBLE"

ANTIRRHINUM MAJUS GRANDIFLORUM "FELTHAM BEAUTY"

This new variety produces larger flowers than any Antirrhinum so far introduced. The blooms are enormous. The color is a deep rose pink with white center. The spikes are very long and the plant is strong growing and very free flowering.....Pkt. 25c.

ANTIRRHINUM MAJUS GRANDIFLORUM "PINK BEAUTY"

Deep rose pink self, enormous bloomsPkt. 25c.

ANTIRRHINUM "SILVER PINK"

The most beautiful pink yet introduced among the tall-flowering Snapdragons; a profuse bloomer....Pkt. \$1.00.

GODFREY'S SUPERB CANTERBURY BELLS

This is without doubt the finest strain yet offered. The flowers are much larger than those of other strains; of perfect form, *i. e.*, sound both in cup and saucer. The colors are very varied in about ten shades of white, blush, rose, deep pink, mauve, blue, lavender, lilac and violet..Pkt. 40c.

CLARKIA—"ORANGE KING"

The color of this variety is a very bright orange scarlet.
Pkt. 15c.

CLARKIA—"PURPLE PRINCE"

A fine rich purple, flowers very doublePkt. 15c.

CLARKIA—"QUEEN MARY"

A lovely rose carmine, very double, and free flowering.
Pkt. 15c.

CLARKIA—"VESUVIUS"

The most striking color yet produced in Clarkia elegans. The color is an intense orange-scarlet shaded salmon, a most lovely and pleasing color. The plants grow about two feet in height, and make a charming plant either for pot culture or open ground. Each plant is of upright habit, and forms quite a pyramid entirely covered with its show, flame-colored double flowers.....Pkt. 15c.

COSMOS "NEW DOUBLE"

These beautiful new Cosmos are most striking in color. A large percentage come true from seed both as to color and doubleness. The singles which the strain produces are also very beautiful.

Pink Beauty, White Queen, Crimson Queen,
Each, pkt. 25c.

CYCLAMEN "CHERRY RIPE"

A new color. Nearly scarlet. The brightest red cyclamen in cultivation. The habit is most free flowering.
Pkt. 75c.

CYCLAMEN "EILEEN LOW"

The color is a lovely shade of pink, distinct blush-white margin and blush-white crest on each petal, which, on account of the great contrast, gives an attractiveness found in no other cyclamen.....Pkt. 75c.

CYCLAMEN, "MRS. BUCKSTON"

Cyclamen Mrs. Buckston is of a real salmon shade of color, a lovely tint, somewhat more delicate than found in "Salmon King." Beautifully frilled petals.....Pkt. 75c.

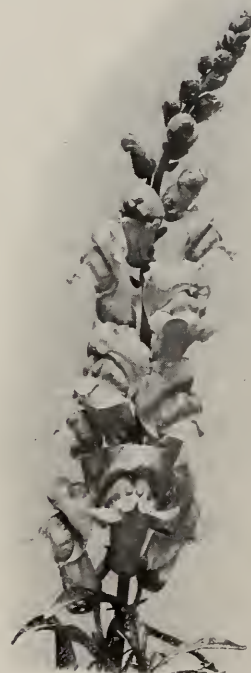
CYCLAMEN "PINK PEARL"

This is the most free flowering of all the Cyclamen. Color a lovely pale salmon; foliage hard and prettily tessellatedPkt. 75c.

CYCLAMEN "SALMON KING"

The most popular of all the varieties. The beautiful clear salmon-pink color of the flower is even more delightful by artificial light, when it glows as does the well-known Begonia de Lorraine.

The habit of the plant is compact and very free.
Pkt. 75c.



ANTIRRHINUM MAJUS GRANDIFLORUM "FELTHAM BEAUTY"

Flower Seed Novelties and Specialties—Continued

Superb New Sweet Peas

"ANNIE BOWNASS"

The flowers are of large size, borne four to a stem and beautifully placed. The color of both standard and wings is deep pure pink, flushed salmon, showing a large white zone at the base of the standard. Pkt. 25c.

"BERYL"

A very charming variety of a rich, soft salmon-pink color, shaded buff. The plant is of robust habit of growth, producing freely long, strong flower sprays, carrying four immense flowers. It is an exhibition variety of greatest merit, and is equally valuable for garden and room decoration. Pkt. 25c.

"FIERY CROSS"

"Fiery Cross" has all the appearance of live fire, the color being a scorching fire-red, or scarlet. Unlike most of the orange-scarlet varieties, it does not scorch or burn even during extended periods of intense sunshine. The beautifully waved and fluted flowers are borne freely in three and fours, well placed on long stout stems. Pkt. 25c.

"THE PRESIDENT"

The name given this magnificent novelty is most appropriate, as amongst orange-scarlet Sweet Peas it undoubtedly takes top place. The intensely rich and dazzling orange-scarlet color of the flower equals in brilliance the Oriental Poppy. The plant is very robust, producing freely flower stems 16 to 18 inches long, carrying four perfectly placed flowers of largest size and true Spencer form. Pkt. 25c.



ESCHSCHOLTZIA "CHROME QUEEN"

ESCHSCHOLTZIA "CHROME QUEEN"

A new and absolutely distinct color in Eschscholtzia. A beautiful clear chrome yellow; a great acquisition. A strong grower and very free flowering. Pkt. 30c.

GODETIA SCHAMINI "ROSY MORN"

A great improvement on the old variety, Schamini Rose. This new selection is a lovely coral pink, and the flowers are very double. Plant is of a dwarfer and more compact habit than the old variety. Excellent for cutting, and very free flowering. Pkt. 20c.

Hollyhock

DOUBLE "PINK QUEEN"

Very pretty salmon pink; full double flowers. . Pkt. 25c.

WINTER STOCK WHITE LADY

This new large-flowering stock grows about 20 inches high with very double, snowy-white flowers. In comparison with other winter stocks White Lady blooms early and remains longer in flower. Pkt. 25c.

VERBENA GRANDIFLORA "HELEN WILL-MOTT"

A very pretty bright salmon rose, with white eye. After many years of constant selection, seed of this lovely Verbena has at last been saved in sufficient quantity to enable us to offer. The seed produces plants with flowers mostly of the true "Helen Willmott" color, with a small percentage of varied shades, which are also very fine both in color and size. We anticipate a great demand for this novelty. Pkt. 25c.



GODETIA SCHAMINI "ROSY MORN"

Flower Seed Novelties and Specialties—Continued



SCHIZANTHUS RETUSUS "PINK BEAUTY"

ZINNIA ELEGANS ROBUSTA "ACHIEVEMENT"

This beautiful new Zinnia is distinct from all others hitherto raised by the shape of its petals, which are partially tubular at the base and expand in a cactus-like form toward the tip, thereby displaying a rich variety of color, mostly of the warmer shades, such as pale rose, deep rose, salmon, lilac, scarlet, and coppery golden yellow. The individual blooms often attain a diameter of five or six inches, and, besides its highly decorative effect in the garden, this new Zinnia can be strongly recommended as a cut-flower. Pkt. 35c.

MAMMOTH-FLOWERING ZINNIAS

These grand strains have been made the object of a thorough selection, and will produce huge and very double blooms of 5 to 6 inches in diameter. A grand assortment of colors, which all come fairly true from seed and by blooming freely and late into the autumn will be found to render invaluable service where showy groups and borders are desired. White, flesh, buff yellow, sulphur yellow, scarlet, crimson and purple shades. Each, per pkt. 15c; $\frac{1}{4}$ oz. 45c.; oz. \$1.50.

Mammoth-Flowering Finest Mixed.

Pkt. 10c.; $\frac{1}{4}$ oz. 35c.; oz. \$1.25.

WATERER'S SUPERB SPENCER MIXED SWEET PEAS

Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; 1 lb. \$2.75.

For separate varieties see pages 46 and 47.

PETUNIA "FELTHAM BEAUTY"

This new and distinct single-flowered variety should prove a fine acquisition, being suitable either for growing in the conservatory or out-of-doors. The plant grows about 1 foot in height, compact and very free flowering. Great variety of color, from white to the deepest rose, and it contains many colors not hitherto found in Petunias. Pkt. 35c.

PETUNIA NANA GRANDIFLORA "IDEAL"

A magnificent new dwarf strain of large flowered Petunia. The plants, which are of strong, robust growth, are about 1 foot to 15 inches in height, producing enormous flowers, quite 6 inches across, of varied and exquisite coloring. An ideal pot plant. Pkt. 35c.

SCHIZANTHUS RETUSUS "PINK BEAUTY"

Flowers are exquisite shade of rose pink, a pure self without any marking or shading whatever. A distinct advance upon anything of this color yet known in Schizanthus.

As pot plants delightfully effective for grouping, and a charming subject when cut for table decoration, the flowers being of good substance, lasting well, and being equally effective either in natural or artificial light Pkt. 50c.

SCHIZANTHUS WISETONENSIS "EXCELSIOR"

This may be described as a much larger flowering strain of Wisetonensis, and with markings and color of a fancy Pelargonium. The blooms have white, buff, or rose grounds. Beautiful pot plants. Pkt. 30c.



PETUNIA "FELTHAM BEAUTY"



Waterer's Choice Flower Seeds

Our Flower Seeds are all procured from the best sources in Europe and America, and are of the very Highest Quality

ABUTILON

Desirable plant for conservatory or house culture, with bell-shaped flowers; 2 to 4 feet.

Finest Mixed Pkt. 10c.

ACONITUM (Monk's Hood)

Napellus. Hardy perennial plants with showy spikes of blue and white hood-shaped blossoms; 4 feet.

Pkt. 5c.; $\frac{1}{4}$ oz. 30c.

ACHILLEA

The Pearl. Covered with double pure white flowers from spring till frost; excellent for cutting. Hardy perennial; $1\frac{1}{2}$ feet. Pkt. 25c.

ACROCLINIUM

Showy annuals with white and pink everlasting flowers; 1 ft.

Single Mixed Pkt. 5c.; $\frac{1}{4}$ oz. 15c.

Double Mixed Pkt. 5c.; $\frac{1}{4}$ oz. 20c.

ADONIS

Flos Adonis. Showy, hardy annual, with deep green feathery foliage and scarlet flowers; 1 ft. Pkt. 5c.

Vernalis. A hardy perennial sort, bearing large, bright yellow flowers in early spring; 1 ft. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

AGROSTEMMA

Coronaria (Rose of Heaven, Mullein Pink). Hardy perennial; glowing crimson flowers; blooms the first season; fine for cutting; 2 ft. Pkt. 5c.; $\frac{1}{4}$ oz. 15c.

AGERATUM

Blue Perfection. Color deep amethyst-blue; compact growing; fine bedder. Pkt. 10c.; $\frac{1}{4}$ oz. 35c.

Blue Star. Bright light blue, fine for edging; 5 in. Pkt. 15c.

Imperial Dwarf. Blue, 8 in. Pkt. 5c.; $\frac{1}{4}$ oz. 30c.

Imperial Dwarf. White, 8 in. Pkt. 5c.; $\frac{1}{4}$ oz. 30c.

Little Dorrit. Azure blue, 6 in. Pkt. 10c.; $\frac{1}{4}$ oz. 35c.



AGERATUM LITTLE DORRIT



ALYSSUM "LITTLE DORRIT"

ALYSSUM

"Little Dorrit." This new variety forms a perfect little bush with miniature white rocket flowers. A perfect gem for borders or beds. Pkt. 5c.; $\frac{1}{4}$ oz. 30c.

Little Gem, or Carpet of Snow. Pure white, grows only 4 inches high, and flowers profusely. Pkt. 5c.; $\frac{1}{4}$ oz. 30c.

Sweet Alyssum (A. Maritimum). Of trailing habit; flowers white. Pkt. 5c.; oz. 25c.

Lutescens. Of dwarf, compact habit, with yellow flowers; annual; 4 inches. Pkt. 10c.; $\frac{1}{4}$ oz. 50c.

Compactum Lilacum "Lilac Queen." A distinct, new annual variety with pure lilac colored flowers. The plants are of dwarf compact growth. Pkt. 10c.; $\frac{1}{4}$ oz. 50c.

Saxatile Compactum. Showy, golden-yellow flowers; hardy perennial, blooms the first season; excellent for rock work; 1 ft. Pkt. 5c.; $\frac{1}{4}$ oz. 30c.

AMARANTHUS

Cruentus (Prince's Feather). Dark red feathery flowers. Pkt. 5c.

Caudatus (Love Lies Bleeding). Blood red, drooping; 3 ft. Pkt. 5c.

Salicifolius (Fountain Plant). Ornamental foliage. Pkt. 10c.

Tricolor Splendens. Pkt. 10c.

Tricolor (Joseph's Coat). Leaves red, yellow and green; 3 ft. Pkt. 5c.

ANTIRRHINUM

(Snapdragon)

MAJUS GRANDIFLORUM. Large flowering; white, blood red, yellow, pink, striped and mixed.

Each, pkt. 10c.; $\frac{1}{4}$ oz. 40c.

Queen Victoria. Pure white. Pkt. 10c.; $\frac{1}{4}$ oz. 40c.

Venus. A lovely pink shade on white ground. Pkt. 10c.; $\frac{1}{4}$ oz. 50c.

Ruby. Self-colored, highly effective, brilliant ruby-red variety. Pkt. 10c.; $\frac{1}{4}$ oz. 50c.

Silver Pink, Pink Beauty and Feltham Beauty (see page 24).

Large Flowering Half-Dwarf Varieties

Eighteen inches high. Fine for bedding

Coral Pink. Rich deep rose, white throat. Pkt. 15c.

Crimson King. Bright crimson. Pkt. 15c.

Golden Queen. Large flower; pure yellow. Pkt. 10c.

Orange Prince. Salmon maize and orange. Pkt. 15c.

Queen of the North. Pure white. Pkt. 10c.

The Bride. Pure white. Pkt. 10c.

Vesuvius. Deep vivid orange. Pkt. 15c.

Half-Dwarf. Finest mixed; 18 in. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

Waterer's Superb Asters

We offer choice seed that has been grown for us from the best types by the most skilful experts in Aster culture in America and Europe.



AMERICAN BRANCHING ASTER

OSTRICH FEATHER ASTERS

Extremely graceful Aster, with large feathery heads similar to the Comet, but with longer and more wavy petals; 1½ ft.

White, Rose, Crimson, Azure Blue.
Each, per pkt. 10c.; ⅛ oz. 85c.
Finest Mixed Per pkt. 10c.; ⅛ oz. 75c.

GIANT COMET ASTERS

Elegant flowers, with long, wavy, twisted petals, like Japanese Chrysanthemums; 2 ft.

White, Rose, Flesh Pink, Crimson, Light Blue, Dark Violet..... Each, per pkt. 10c.; ⅛ oz. 75c.
Finest Mixed..... Pkt. 10c.; ⅛ oz. 65c.

IMPROVED CREGO ASTER

The plants are vigorous and productive of from 10 to 15 strong flower-stems, frequently two feet or more in length. The flowers are large and full, with the crowns well covered. White, Pink, Lavender, Purple..... Each, per pkt. 15c.

KING ASTERS

A magnificent class of Asters, distinct from all others in the character of the flower. The long, narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance and last longer when cut than those of any other class. The plants are large and the stems exceptionally long and strong. White, Pink, Rose, Crimson, Violet..... Each, per pkt. 15c.

ROYAL ASTER

A medium early bloomer, continuing in flower until late in the fall; in fact, it holds its blossoms longer than any other variety. The flowers are large and full; petals flat and somewhat incurved. White, Shell Pink, Rose, Lavender, Purple..... Each, per pkt. 15c.

THE SAWYER "ASTERMUM"

A splendid new type. Its name about describes its size, as the flowers are as large as many of the chrysanthemums. White, Rose Pink, Lavender, Mixed.. Each, per pkt. 15c.

AMERICAN BRANCHING ASTERS

A free-growing type, with immense flowers, which are borne on long stems. The finest late sort for cutting; 2 to 2½ ft.

White, Pink, Rose, Crimson, Purple, Lavender.
Each, per pkt. 10c.; ¼ oz. 75c.
Finest Mixed..... Pkt. 10c.; ¼ oz. 65c.

PAEONY-FLOWERED ASTERS

The flowers are usually 3 to 3½ inches in diameter, very double, and of fine globular form; 1½ ft.

Pure White, Brilliant Rose, Delicate Rose, Fiery Scarlet, Light Blue, Dark Blue.. Each, per pkt. 10c.; ⅛ oz. 85c.
Finest Mixed..... Pkt. 10c.; ⅛ oz. 75c.
Collection of 6 colors..... 50c.

IMPROVED VICTORIA ASTERS

The flowers are of large size, very double, with the petals beautifully recurved; 1½ ft.

White, Delicate Rose, Fiery Scarlet, Light Blue, Dark Blue..... Each, per pkt. 10c.; ⅛ oz. 85c.
Finest Mixed..... Per pkt. 10c.; ⅛ oz. 75c.
Collection of 5 colors..... 45c.

HOHENZOLLERN ASTERS

A beautiful new class with long, wavy petals of graceful form. Invaluable for cutting; 2 ft.

White, Rose, Light Blue, Dark Blue, Crimson.
Each, per pkt. 10c.; ⅛ oz. 85c.
Finest Mixed..... Pkt. 10c.; ⅛ oz. 75c.

QUEEN OF THE MARKET ASTERS

A very early class, with medium-sized blooms borne on long stems. The plants flower from 3 to 4 weeks earlier than the large-flowered kinds; 1 ft.

White, Rose, Pink, Light Blue, Dark Blue.
Each, per pkt. 10c.; ¼ oz. 50c.
Finest Mixed..... Pkt. 10c.; ¼ oz. 50c.



ASTER, VICTORIA

Asters—Continued

LAVENDER DAYBREAK ASTER

This is an extra fine flower of the Daybreak type; color, a delicate lavender.....Pkt. 15c.

DAYBREAK ASTER

The flowers of this variety are very large and double, and of a beautiful shell-pink color; 2 ft.Pkt. 15c.

MAUVE QUEEN ASTER

The color of this Aster might best be described as a rich pearl gray. The flowers are of perfect form, very large and very double, on long stemPkt. 15c.

MIKADO ASTER

The flowers of this new variety are unusually large, measuring 4½ to 5 inches in diameter, with curled and twisted petals, borne on long, stiff stems.

White, Shell Pink, Rose, Dark Violet. Each, per pkt. 15c.

EARLY SNOWDRIFT ASTER

The entire energy of the plant seems given to the production of 12 to 20 long, slender, upright stems, crowned with immense pure white feathery flowers. The long, recurved petals give the flowers an exceedingly graceful effect.....Pkt. 15c.

GIANT PURITY ASTER

This variety is identical in form and habit to Daybreak, but the blooms are pure white.....Pkt. 15c.

HARDY PERENNIAL ASTERS

(Michaelmas Daisies.) Single flowering, hardy herbaceous plants, thriving in any good garden soil. If sown early in the spring, they will flower the first season.

Large Flowered Mixed.....Pkt. 10c.; ½ oz. 75c.

ANCHUSA

Italica. "Dropmore" one of the best blue perennials, grows 5-6 feet high and produces its pretty blue flowers throughout the entire summer.....Pkt. 10c.

ANEMONE (Windflower)

Coronaria. Mixed colors.....Pkt. 5c.

St. Brigid. A beautiful selection, comprising semi-double and double flowers.....Pkt. 15c.

ANTHEMIS (Hardy Marguerite)

Kelwayi. A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; 2 ft.Pkt. 10c.; ¼ oz. 30c.

ARABIS

(Rock Cress)

Alpina. Early flowering, hardy perennial, with erect spikes of pure white flowers; 6 in....Pkt. 5c.; ¼ oz. 30c.

ARCTOTIS GRANDIS

A remarkably handsome annual which forms bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, embellished with a narrow yellow zone at their base; the reverse of petals, pale lilac-blue.....Pkt. 10c.; ¼ oz. 30c.

ARMERIA (Sea Pink or Thrift)

Formosa. A very pretty edging plant, bearing large tufts of rosy-pink flowers; hardy perennial.....Pkt. 10c.



AQUILEGIA, LONG-SPURRED HYBRIDS

AQUILEGIA

Long-Spurred Hybrids. Our Hybrids comprise the best and brightest colors. The strain includes shades of blue, mauve, lavender, pink, scarlet, orange, yellow and white, of the large-flowered and long-spurred forms.

Pkt. 25c.; ½ oz. 75c.

Canadensis. Scarlet and yellow; very fine.

Pkt. 10c.; ¼ oz. 50c.

Coerulea. One of the finest varieties, pale blue and white flowers; 2 ft.....Pkt. 10c.; ½ oz. 75c.

Chrysantha. Golden-yellow; 2 ft..Pkt. 5c.; ½ oz. 75c.

Chrysantha Alba. White.....Pkt. 10c.

Glandulosa Vera. Large, erect blue flowers; pure white corolla; 2 ft.....Pkt. 25c.

Skinneri. Large scarlet and yellow flowers; long spurs.Pkt. 25c.

Californica Hybrida. Large yellow flowers; dark orange spurs.....Pkt. 10c.; ½ oz. 75c.

Nivea Grandiflora. Extra fine; pure white...Pkt. 10c.

Single Mixed.....Pkt. 5c.; oz. 50c.

Double Mixed.....Pkt. 5c.; oz. 60c.

ASPARAGUS

Plumosus Nanus. Foliage finer than that of the most delicate fern; an excellent house plant.

Pkt. 25c.; \$1.00 per 100 seeds.

Sprengeri. One of the best plants to grow in suspended baskets for greenhouses....Pkt. 10c.; 50c. per 100 seeds.

ASPERULA

Odorata (Woodruff). Very sweet-scented flowers of snowy whiteness. Hardy perennial; 1 ft.Pkt. 5c.

Azurea Setosa. A splendid annual variety; grows about 9 inches high and covered throughout the summer with light lavender-blue, fragrant flowers; excellent for cutting.....Pkt. 5c.

BALSAM, Double Camellia Flowered

(Lady Slipper)

This strain will produce the most perfectly formed flowers. Per pkt.

Primrose. Clear yellow	15c.
Light Yellow	10c.
Pure Scarlet	10c.
Violet	10c.
White Perfection (Alba Perfecta)	10c.
Prince Bismarck. Rich salmon pink	10c.
Finest Mixed	Pkt. 10c.; ¼ oz. 35c.
Collection, eight varieties	50c.

BALLOON VINE

A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons Pkt. 5c.; oz. 25c.

BARTONIA AUREA

A free-blooming and showy hardy annual; large yellow flowers; 18 in. Pkt. 5c.; ¼ oz. 25c.

ORNAMENTAL-LEAVED BEGONIA

Rex. Large, handsome leaves, dark green, with red, bronze and silvery white variegation. Pkt. 35c.

BEGONIAS

Everblooming Bedding Varieties

Gracilis. A pretty half-dwarf variety, 8 to 10 in. high, densely covered with rose-colored flowers. Pkt. 25c.

Gracilis "Prima-Donna." A superb plant for bedding and pot culture. Of very sturdy and even habit, the plants grow about 10 inches high and form a freely branching bush 10 to 12 inches across. The large flowers are of a rose color, shading to carmine toward the center, a color of exquisite beauty. Pkt. 25c.

Gracilis "White Pearl." The pure, snowy-white blooms of this new variety appear in large loose clusters well above the bright green foliage, forming a beautiful contrast with it in habit, size, and freedom of bloom. Pkt. 25c.

Gracilis "Luminosa." Fine fiery scarlet. Reddish brown foliage, very fine variety. Pkt. 25c.

Dwarf Vernon. A fine sort for edgings, etc., with rich, red flowers and bronze foliage. Pkt. 25c.

Magnifica. Dark bronze foliage, with bright crimson flowers. Pkt. 25c.

Semperflorens, Single Mixed. This mixture contains all the best varieties, ranging in color from pure white to the deepest crimson. Pkt. 10c.

TUBEROUS-ROOTED BEGONIAS

Frilled. Beautifully frilled and wavy petals. Pkt. 25c.

Single. Extra choice mixed. Pkt. 25c.

Double. Extra choice mixed. Pkt. 25c.



BRACHYCOME



BELLIS PERENNIS, THE BRIDE

BELLIS (English Daisy)

The Bride. A fine, very double, free-flowering, pure white Pkt. 10c.

Longfellow. Large, double pink flowers Pkt. 10c.

Snowball. Large and very double pure white. Pkt. 10c.

Giant Red. Beautiful and densely double flowers. Pkt. 25c.

Giant Rose. Bright rose Pkt. 25c.

Giant White. Pure white Pkt. 25c.

Delicata. Very double rosy-white flowers, with bright purplish-red centers Pkt. 15c.

Double Mixed. All colors of the finest quality. Pkt. 10c.; ⅛ oz. 75c.

BRACHYCOME (Swan River Daisy)

Brilliant, free-flowering hardy annual, suitable for beds or borders. Cineraria-shaped, blue or white flowers; 9 in.

Mixed. Pkt. 5c.; ⅛ oz. 25c.

BROWALLIA

Handsome annuals, with blue or white flowers; fine for garden beds in summer or pot culture in winter; 1½ ft.

Elata Coerulea. Bright blue; fine for cutting. Pkt. 5c.

Speciosa Major. A large flowering variety, with bright blue flowers. Pkt. 15c.

Elata, Fine Mixed. Pkt. 5c.; ⅛ oz. 25c.

BRYONOPSIS LACINIOSA

A beautiful summer climber; its yellow flowers are followed by pretty, cherry-like green fruits, which change to bright scarlet marbled with white; 10 ft.; annual. Pkt. 5c.

CACALIA

(Tassel Flower)

Coccinea. Pretty, free-flowering, hardy annual, producing trusses of showy, tassel-like scarlet flowers; 1½ ft. Pkt. 5c.; ⅛ oz. 25c.

CALCEOLARIA

Grandiflora. Tigered and self-colored, in finest mixture. Pkt. 35c.

Veitchii. Tall growing hybrid shrubby variety, carrying loose branching heads of creamy white flowers. Pkt. 50c.

Profusa Clibrani. Flowers light and graceful in habit, and the sprays of rich golden-yellow are very lasting. Pkt. 50c.

Rugosa, Mixed (Shrubby). Small flowering varieties, for bedding, of the finest colors; 15 in. Pkt. 35c.

CALLIRHOE

Involucrata (Poppy Mallow). A showy, trailing, hardy perennial, bearing continuously from early summer till fall, large, bright crimson, saucer-shaped flowers; looks best on the rockery, but can be used in front of the hardy border. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

CALENDULA

(Pot Marigold)

Meteor. Large, double yellow, striped with orange. Pkt. 5c.; oz. 25c.

Prince of Orange. Resembles Meteor, but is much darker. Pkt. 5c.; oz. 25c.

Double Sulphur or Lemon Queen. Light lemon-yellow. Pkt. 5c.; oz. 25c.

Favorite. Light sulphur, each petal striped with creamy white. Pkt. 5c.; oz. 25c.

Pluvialis (Cape Marigold). A pretty single-flowering sort, white daisy-like flowers, under side of the petals lilac. Pkt. 5c.; $\frac{1}{4}$ oz. 20c.

Pongei Fl. Pl. Showy double white flowers. Pkt. 5c.; $\frac{1}{4}$ oz. 25c.

CAMPANULA

Carpatica (Carpathian Harebell). Free-flowering, blue, continuing in bloom the whole season; hardy perennial; 6 in. Pkt. 10c.; $\frac{1}{8}$ oz. 25c.

Carpatica Alba. The white-flowered form of the above. Pkt. 10c.; $\frac{1}{8}$ oz. 25c.

Persicifolia Grandiflora (Peach Bells). One of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue and white flowers. Pkt. 10c.

Pers. Grand. Moerheimi. A beautiful variety of the Peach Bells. The plants grow about 2 feet high, and in June and July bear spikes of large, double, pure white flowers. Pkt. 10c.

Pyramidalis (The Chimney Bellflower). A beautiful, stately plant; for garden or pot culture; blue flowers. Pkt. 10c.; $\frac{1}{8}$ oz. 30c.

Pyramidalis Alba. White flowers. Pkt. 10c.; $\frac{1}{8}$ oz. 30c.



CANDYTUFT, GIANT HYACINTH FLOWERED



CANTERBURY BELLS, DOUBLE

CANTERBURY BELLS

Calycanthema (Cup and Saucer Canterbury Bells). This is the finest type of this old-fashioned and much prized garden plant.

Rose. Delicate rose-pink. Pkt. 15c.

Blue. A fine, clear shade. Pkt. 15c.

White. Pure white. Pkt. 15c.

Mauve. A lovely color. Pkt. 15c.

Lavender. Pkt. 15c.

Mixed. All colors of the Cup and Saucer type. Pkt. 15c.; $\frac{1}{8}$ oz. 75c.

Godfrey's Superb. (See Page 24.)

Single Finest Mixed. All the single medium varieties. Beautiful, large, bell-shaped flowers. Pkt. 5c.; $\frac{1}{4}$ oz. 25c.

Double Finest Mixed. All the double medium varieties. Pkt. 10c.; $\frac{1}{4}$ oz. 75c.

CANDYTUFT

Giant Hyacinth Flowered. Immense pure white spikes. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.; oz. 75c.

Empress. Large flowered white sort. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.; oz. 75c.

Carmine. Bright carmine-rose. Pkt. 10c.; oz. 50c.

Crimson. Rich, deep shade. Pkt. 10c.; oz. 50c.

Flesh Color. Fine delicate tint. Pkt. 10c.; oz. 50c.

Lavender. Delicate shade of rosy lavender. Pkt. 10c.; oz. 50c.

Finest Mixed. All colors. Pkt. 5c.; oz. 25c.

HARDY CANDYTUFT (Iberis)

Iberis Sempervirens. A profuse white blooming hardy perennial, coming in flower early in the spring; much used for rockeries, etc. Pkt. 15c.

Iberis Gibraltaria. Lilac, shading white flowers, very fine. Pkt. 10c.

CARNATION

Finest Double Mixed. Saved from extra fine flowers. Pkt. 25c.

Chabaud's Everblooming. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely; mixed colors. Pkt. 25c.

MARGUERITE CARNATION

The earliest of all Carnations. Blooming in July or August, if sown in the spring, and continuing till frost.

Pure White. Pkt. 10c.

Pure Yellow. Pkt. 10c.

Dark Red. Pkt. 10c.

Marguerite. Fine double flowers; mixed colors. Pkt. 5c.

Giant Marguerite. An improved form of the above. Pkt. 10c.



CELOSIA PLUMOSA

CELOSIA PLUMOSA
(Feathered Cockscomb)

Make fine plants for large beds or groups.

Thompson's Superb. About 2½ ft. in height, of free but regular branching habit, each stem is crowned with a feathery plume of the most intensely brilliant red.

Pkt. 15c.; ⅛ oz. 50c.

Thompsoni Magnifica. Magnificent shades of color, ranging from the clearest yellow to the darkest blood-red.

Pkt. 10c.; ¼ oz. 50c.

Thompsoni Magnifica, Crimson. Pkt. 10c.; ¼ oz. 50c.

Thompsoni Magnifica, Golden Yellow.

Pkt. 10c.; ¼ oz. 50c.

Collection, 6 colors, separate......50c.

Plumosa. Finest mixed......Pkt. 5c.; ⅛ oz. 25c.

CELOSIA CRISTATA
(Cockscomb)

Showy annuals of easy cultivation, producing large, brilliant, comb-like flower-heads.

Crimson Exhibition. From prize flowers and enormous combs.....Pkt. 35c.

Empress. Color, bright crimson, rich and velvety.

Pkt. 15c.

CENTAUREA CYANUS
(Corn-flower, or Blue-bottle)

Free-flowering, hardy annuals, excellent for cutting.

Cyanus, White, Rose, Mixed......Pkt. 5c.; oz. 30c.

Single. Of a rich, deep blue.....Pkt. 5c.; oz. 35c.

Double Deep Blue. Beautiful double flowers.

Pkt. 15c.; ¼ oz. 50c.

Double Mixed. Fine for cutting.....Pkt. 5c.

CENTAUREA ODORATA

Large, sweet-scented flowers, excellent for cutting.

Margaritae. Pure white.....Pkt. 10c.

Odorata. Light blue.....Pkt. 10c.

Chameleon. Pale yellow, changing to rose....Pkt. 15c.

Finest Mixed......Pkt. 10c.

CENTAUREA IMPERIALIS

The flowers are of enormous size; fragrant, and of the most charming colors, including white, pink, lilac, rose, and purple. They are among our best summer flowers for cutting.

Pure White......Pkt. 10c.; ¼ oz. 50c.

Rose......Pkt. 10c.; ¼ oz. 50c.

Purple......Pkt. 10c.; ¼ oz. 50c.

Lilac......Pkt. 10c.; ¼ oz. 50c.

Finest Mixed; 2 ft......Pkt. 10c.; ¼ oz. 50c.

CENTAUREA

Americana (Basket Flower). A splendid native variety, growing 3 feet high and bearing immense, thistle-like blooms of a rosy lavender color. Very showy in the mixed border and splendid for cutting.....Pkt. 10c.

Suaveolens (Yellow Sweet Sultan, or Grecian Cornflower). Very showy, large bright yellow flowers; sweetly scented.....Pkt. 10c.; ¼ oz. 40c.

WHITE-LEAVED CENTAUREAS

(Dusty Millers)

Fine for bedding, vases and pots; also extensively used for borders or edgings.

C. candidissima. Silvery white; leaves broadly cut; 1 ft.....Pkt. 10c.; 1000 seeds 50c.

C. gymnocarpa. Fine-cut silvery foliage; 1½ ft. Pkt. 10c.; 1000 seeds 40c.

CERASTIUM

(Snow in Summer)

Tomentosum. Hardy perennial, valuable for edgings and rockeries; silvery foliage, flowers white.....Pkt. 15c.

CHRYSANTHEMUMS

These are very showy flowers of easiest cultivation; excellent for cutting. Annual varieties.

Segetum, Evening Star, or Helios. Large, golden-yellow flowers; excellent for cutting.....Pkt. 10c.

Morning Star. Large, primrose color.....Pkt. 10c.

Northern Star. Giant white flowers, black center, extra.

Pkt. 10c.

Bridal Robe. A distinct variety of compact and upright habit, with extra double, pure white flowers....Pkt. 10c.

Inodorum Plenissimum. Double white flowers borne throughout the season in profusion. Fine for cutting.

Pkt. 10c.; ¼ oz. 50c.

Single Mixed......Pkt. 5c.; ¼ oz. 15c.

Double Mixed......Pkt. 5c.; ¼ oz. 25c.



CENTAUREA IMPERIALIS

CHRYSANTHEMUMS

(Perennial Varieties)

Maximum "King Edward VII" (Moonpenny Daisy). Blossoms of the purest white, with yellow centers, and borne on long, strong stems, lasting a long time when cut; perfectly hardy. Pkt. 10c.
Shasta Daisy. Flowers very large and perfect, white; 2 ft. Pkt. 10c.
Alaska. A splendid long-stemmed variety with pure white flowers Pkt. 25c.
Frutescens ("Paris Daisy" or Marguerite). White, yellow eye. Pkt. 10c.

CINERARIA

Our strains of this showy greenhouse plant are of acknowledged superiority, the very choicest strains, from a prize European collection, containing only the best colors.

Waterer's Prize Dwarf. Pkt. 50c.
Waterer's Prize Tall. Pkt. 50c.
Matador. An entirely new color, which has not hitherto appeared in Cinerarias, viz., a brilliant scarlet-red. It surpasses in brilliancy all the other shades. Pkt. 35c.
Hybrida Radiata (cactus-flowered). The most elegant of the narrow petaled section, beautiful shades of colors, petals twisted and fluted like a single cactus Dahlia. Pkt. 50c.

Stellata. Tall, pyramidal plants, bearing quantities of medium-sized, star-like flowers in immense umbels; an exceedingly decorative pot plant. Colors, white, rose, red, carmine and blue mixed. Pkt. 25c.

CINERARIA

White-leaved Varieties (Dusty Millers)

Maritima Candidissima. Silver-green lacinated foliage. Pkt. 5c.; $\frac{1}{4}$ oz. 20c.

CLARKIA

These popular annuals are of easy culture, and in large masses are exceedingly bright and attractive. The long, graceful sprays are valuable for table decoration; 1 ft.

Elegans Alba Fl. Pl. Very double, pure white. Pkt. 10c.
Salmon Queen. Extra double, salmon-pink. . . Pkt. 10c.
 For other varieties of Clarkias see page 24.



COSMOS



CINERARIA—PRIZE STRAIN

COBÆA

Scandens. Popular climbing perennial flowering the first season. Large, purple, bell-shaped flowers appear in great profusion during the fall months; 20 ft.

Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

Scandens Alba. Pure white. Pkt. 10c.

COCCINEA INDICA

A remarkably pretty annual climber; foliage ivy-like, bright and luxuriant. Small flowers followed by numerous fruits, 2 in. long, which turn to brilliant scarlet, spotted with white; 10 ft. Pkt. 10c.

COLEUS

Finest Varieties, in splendid mixture. Pkt. 35c.

COSMOS

Large Early Flowering. White, Pink, Crimson, Mixed. Each, pkt. 10c.; $\frac{1}{4}$ oz. 30c.

Mammoth Perfection. A magnificent selection, bearing flowers of mammoth size and perfect form.

White, Pink, Crimson and Finest Mixed.

Each, pkt. 10c.; $\frac{1}{4}$ oz. 25c.

Lady Lenox. Flowers of large size, 6 to 7 inches in diameter; color, a delightful shell-pink. Habit of plant, strong and vigorous, growing 6 to 7 ft. high.

Pkt. 10c.; $\frac{1}{4}$ oz. 30c.

Lady Lenox White. A fine pure white selection from the above. Pkt. 10c.; $\frac{1}{4}$ oz. 30c.

Klondyke. Golden-yellow. Pkt. 10c.

New Double (see page 24).

CUPHEA

Platycentra (Cigar Plant). An old and favorite plant for the summer flower-garden; useful also for baskets, vases, etc., bearing innumerable vermilion tube-shaped flowers. Pkt. 15c.

CONVOLVULUS MINOR

(Dwarf Convolvulus)

Remarkably showy plants, with exceedingly handsome rich-colored flowers, producing in beds and mixed borders an unusually brilliant effect.

Tricolor, Finest Mixed. 1 ft. Pkt. 5c.; oz. 20c.

Roseus Superbus. Rose-pink flowers. Pkt. 5c.; oz. 25c.

CONVOLVULUS MAJOR

(Climbing Morning Glory)

Single. All colors mixed. Pkt. 5c.; oz. 15c.

Double. All colors mixed. Pkt. 10c.

Collection. 8 varieties. 50c.

COREOPSIS, OR CALLIOPSIS

Beautiful free-flowering hardy annuals, excellent for cutting and massing.

Golden Wave (Drummond). A very showy sort; large yellow flowers with dark-brown center.

Pkt. 5c.; ¼ oz. 15c.

Nigra Speciosa. Rich crimson maroon.

Pkt. 5c.; ¼ oz. 15c.

Nana Crimson King. Height, 6 to 7 inches, forming a perfect little bush; covered with rich dark crimson flowers.

Pkt. 5c.; ¼ oz. 20c.

Mixed. All of the choicest kinds. Two to three feet high. Pkt. 5c.; oz. 30c.

Grandiflora. Yields a profuse and long-continued succession of large, golden-yellow flowers during the whole of the summer months. Hardy perennial.

Pkt. 10c.; ¼ oz. 20c.



CYCLAMEN

Giganteum, or Grandiflorum. The very choicest strain of this beautiful flower obtainable. Flowers of the largest size and most brilliant colors.

White, with Dark Eye Pkt. 50c.; 100 seeds \$1.50

White Swan, Pure White. Pkt. 50c.; 100 seeds 1.50

Bright Rose. Pkt. 50c.; 100 seeds 1.50

Phoenix. A lighter red than "Vulcan" Pkt. 50c.; 100 seeds 1.50

Princess May. Rose with purple base to flower. Pkt. 50c.; 100 seeds 1.50

Vulcan. Deepest red. Pkt. 50c.; 100 seeds 1.50

Finest Mixed. Pkt. 40c.; 100 seeds 1.25

For other varieties of Cyclamen see page 24.

CYPRESS VINE

One of the most beautiful climbers, with light, graceful, delicate foliage and bright flowers.

Scarlet. Pkt. 5c.; oz. 40c.

White. Pkt. 5c.; oz. 40c.

Mixed. White and scarlet. Pkt. 5c.; oz. 30c.

DATURA (Trumpet Flower)

Ornamental annuals of rapid growth, with large trumpet-shaped, fragrant flowers; 3 ft.

Cornucopia ("Horn of Plenty"). Flowers white inside, purple outside. Pkt. 10c.

Fastuosa Huberiana. Large double flowers of various colors. Pkt. 5c.

Arborea. Large, single, fragrant flowers. Pkt. 15c.

DAHLIA

Blooms the first year from seed, if sown early.

Double Large-Flowered, Finest Mixed. Saved from the finest sorts. Pkt. 15c.

Double Cactus-Flowered. Finest mixed. Pkt. 15c.

Single Mixed. Large, showy flowers. Pkt. 10c.

Single Giant Perfection. Flowers of immense size, averaging 6 inches across. Finest mixed. Pkt. 10c.

DELPHINIUM

(Perennial Larkspur)

One of the most showy and useful hardy perennial plants, producing splendid spikes of flowers in profusion throughout the summer.

Cardinale. Bright scarlet, with yellow center. Pkt. 20c.

Chinense. A distinct and neat variety, growing about 18 inches high, with fine feathery foliage, and producing freely spikes of large blossoms of intense gentian blue.

Pkt. 10c.

Chinense Album. The white-flowered form of the preceding. Pkt. 10c.

Formosum. Splendid dark-blue flowers with a white center. Pkt. 10c.

Formosum Coelestinum. Very beautiful, large, pale blue flowers with white center. Pkt. 15c.

Elatum (Bee Larkspur). Rich blue of various shades with black centers; grows 3 to 5 feet high, according to soil and location. Pkt. 10c.

Elatum hybridum fl. pl. Double varieties; finest mixed. Pkt. 15c.

Belladonna. Clear turquoise-blue. Pkt. 25c.

Belladonna "Clivedon Beauty." A great improvement on original variety. Pkt. 25c.

Blue Butterfly, Improved. A very charming rich blue annual variety forming a compact free-flowering bush about 18 inches high. Pkt. 25c.

DIGITALIS

(Foxglove)

Showy, hardy perennials of easy culture; valuable for shrubby borders or other partially shaded situations; height, 3 ft.

Gloxinaeflora—Purple, White, Rose, and Finest Mixed. Each, per pkt. 10c.

Maculata Superba. Large flowers; white spotted, violet-purple. Pkt. 10c.

Montrosa, Mixed. The tall spikes have a monstrous saucer-shaped terminal flower. Pkt. 10c.



DIANTHUS, "SNOWDRIFT"

DIANTHUS, OR PINKS

Few flowers can equal these in beauty and profusion of bloom. They comprise many beautifully marked varieties of rich and varied colors. The plants bloom all summer and fall until frost.

Count Kerchove. In this splendid variety the petals are dark blood-red, each marked with a velvety black spot.
Pkt. 10c.; $\frac{1}{4}$ oz. 50c.

"Fireball." Brilliant dark scarlet. Pkt. 15c.; $\frac{1}{4}$ oz. 75c.

"Snowdrift." Large flowers, very double and of the purest white Pkt. 15c.; $\frac{1}{4}$ oz. 75c.

Chinensis (Double Chinese Pinks). Clusters of small double flowers; fine mixed Pkt. 5c.; $\frac{1}{4}$ oz. 20c.

Diadematus Fl. Pl. (Double Diadem Pink). Large flowers, magnificent in color and variety.
Pkt. 10c.; $\frac{1}{4}$ oz. 60c.

Heddewiggii. Finest Single Mixed. Flowers 2 to 3 inches in diameter Pkt. 10c.; $\frac{1}{4}$ oz. 40c.

Crimson Belle. Very large, single, dark-red flowers.
Pkt. 10c.; $\frac{1}{4}$ oz. 40c.

Eastern Queen. Magnificent single flowers, 2 to 4 inches across; splendidly striped and stained.
Pkt. 10c.; $\frac{1}{4}$ oz. 40c.

Imperialis Fl. Pl. (Double Imperial Pinks). Finest mixed, many bright colors Pkt. 10c.; $\frac{1}{4}$ oz. 40c.

Laciniatus. Large, single, fringed flowers; mixed.
Pkt. 10c.; $\frac{1}{4}$ oz. 40c.

Laciniatus Fl. Pl. Magnificent, large, perfectly double and deeply fringed flowers; finest mixed.
Pkt. 15c.; $\frac{1}{4}$ oz. 75c.

Lucifer. A double-blooming form of Vesuvius, which grows 12 to 14 inches high and bears flowers nearly 2 inches across of a splendid orange scarlet and very double.
Pkt. 15c.; $\frac{1}{4}$ oz. 75c.

"Salmon Queen." The flowers are large, well-formed and nicely fringed, and of very distinct brilliant salmon color, changing into a rosy-salmon .. Pkt. 10c.; $\frac{1}{4}$ oz. 60c.

Heddewiggii Nobilis (Royal Pinks). Colors vary from white to dark red Pkt. 10c.; $\frac{1}{4}$ oz. 50c.

Nobilis Fl. Pl. (Double Royal Pinks). Flowers of the largest size, varying in color from scarlet to dark blood-red, and rose to white Pkt. 10c.; $\frac{1}{4}$ oz. 60c.

Vesuvius. New, orange-scarlet .. Pkt. 10c.; $\frac{1}{4}$ oz. 60c.

Imported Collection of China and Japan Pinks, 12 varieties 75c.

DIANTHUS

(Hardy Garden Pinks)

Plumarius (Pheasant-eye Pink). A beautiful, single hardy pink, with fringe-edged white flowers, with a dark centre Pkt. 5c.; $\frac{1}{4}$ oz. 20c.

Plumarius Fl. Pl. (Double Hardy Garden Pinks). Double and semi-double varieties in beautiful colors.
Pkt. 10c.; $\frac{1}{4}$ oz. 50c.

Semperflorens (Everblooming Hardy Garden Pinks). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color Pkt. 25c.

DRACÆNA

Indivisa. Beautiful ornamental-leaved plants, long, narrow, green foliage; indispensable for vases and house decorations Pkt. 10c.

ESCHSCHOLTZIA (California Poppy)

Very showy annuals, growing about 1 ft. high.

Dainty Queen. Color of the flowers tender blush or coral pink, slightly deeper towards the edges on a ground of delicate cream Pkt. 25c.

Californica. Bright yellow Pkt. 5c.; oz. 30c.

Californica Aurantiaca. Rich orange. Pkt. 5c.; oz. 30c.

Californica Alba. Pure white Pkt. 5c.; oz. 30c.

Chrome Queen (see page 25).

Golden West. Very large flowers; yellow, with orange center Pkt. 5c.; oz. 30c.

Rose Cardinal. Very pretty, deep carmine.
Pkt. 10c.; oz. 50c.

Crimson King. Rosy-crimson Pkt. 10c.; oz. 60c.

Mandarin. The inner side of the petals is rich orange color; the outside brilliant scarlet; very beautiful. Pkt. 5c.

Single Mixed. All colors Pkt. 10c.; oz. 30c.



ESCHSCHOLTZIA—CALIFORNIA POPPY

DIMORPHOTHECA

Aurantica. The plants grow about 15 inches high, and have a neat branching habit. This novelty is of easy cultivation and is exceedingly free flowering. The flowers are rich orange gold and measure from 2 to 3 inches in diameter. Most effective in groups or borders. Annual. . . . Pkt. 15c.

Aurantiaca Hybrids (new). A fine variety of colors and shades. Pkt. 15c.

EUPHORBIA

Variegata (Snow on the Mountain). A large robust-growing annual, with very ornamental green foliage, striped with white; 2 ft. Pkt. 5c.; oz. 30c.

Heterophylla (Annual Poinsettia, Mexican Fire Plant). An annual bushy plant, with highly ornamental leaves, which in summer and autumn become dark fiery scarlet; 3 to 4 ft. Pkt. 10c.

FUCHSIA

(Lady's Eardrops)

Double and Single Varieties. Saved from a prize collection. Each, per pkt. 50c.

GAILLARDIA (Blanket Flower)

An exceedingly popular and showy annual, producing throughout the summer an abundance of large, handsome flowers of various colors; 2 ft.

The Bride. Double white, excellent for bedding or cut bloom. Pkt. 15c.

Amblyodon. Deep red, single Pkt. 15c.

Picta Mixed. Single sorts. Pkt. 5c.; ¼ oz. 20c.

Picta Lorenziana. Double mixed. . Pkt. 5c.; ¼ oz. 25c.

GAILLARDIA (Perennial Varieties)

Grandiflora. A showy border plant, easy to grow and a general favorite; flowers maroon and orange, 3 to 4 inches across; 2 ft. Pkt. 10c.; ¼ oz. 30c.

Grandiflora Compacta. Compact variety, as rich and varied as the tall-growing sort. . . . Pkt. 10c.; ¼ oz. 30c.

Grandiflora "Lady Rolleston." Fine deep yellow. Pkt. 25c.

Grandiflora "The King." Vivid crimson center, wide yellow margin Pkt. 25c.



GAILLARDIA GRANDIFLORA



DIMORPHOTHECA AURANTIACA

GAURA

Lindheimeri. A graceful perennial, flowering the first season from seed, and produces long sprays of white, red-tinted flowers; 3 ft. Pkt. 5c.

GERANIUM

Zonale, Mixed. Prize strain. Pkt. 35c.

Apple-Scented. Pkt. 15c.

Pelargonium. Large flowered show, mixed. . . Pkt. 35c.

GERBERA JAMESONI HYBRIDA

A new race with a wonderful range of colors, including white to cream and from pink to rich crimson. The plants are of sturdy growth, with flowers borne on long stems. Pkt. 35c.

GEUM

Atrosanguineum fl. pl. Large double scarlet flowers, valuable for cutting; hardy perennial; 2 ft. . . . Pkt. 10c.

Atrosanguineum fl. pl., "Mrs. Bradshaw." Fine double orange-scarlet, comes quite true from seed, and flowers the first year. Pkt. 15c.

GLOXINIA

Hybrida Grandiflora. An unsurpassed strain, containing the spotted hybrids as well as the finest self-colored sorts. Pkt. 35c.

GLOBE AMARANTH (Bachelor's Button)

Annuals, forming bushy plants about 2 ft. high, and bearing flowers of either purple, white or flesh. Very ornamental as summer-blooming plants and indispensable as "everlastings."

Flesh-color. Pkt. 5c.; ¼ oz. 20c.

Purple. Pkt. 5c.; ¼ oz. 20c.

White. Pkt. 5c.; ¼ oz. 20c.

GYPSOPHILA (Baby's Breath)

Paniculata. White flowers, fine for bouquets; hardy perennial; 2 ft. Pkt. 5c.; ¼ oz. 20c.

Paniculata fl. pl. Double white. Extra fine. . . Pkt. 25c.

Elegans Alba Grandiflora. This is an improved, large-flowering, pure white form of the annual Baby's Breath, of free, easy growth. Several sowings should be made during the season to keep up a supply. . . Pkt. 10c.; 1 oz. 50c.



GODETIA, CRIMSON GLOW

GODETIA

A splendid free-flowering, bedding, hardy annual, with large heads of cup-shaped flowers.

Crimson Glow. Forms a compact little bush about 9 inches in height, completely smothered with flowers of the most dazzling intense crimson. A bed of this variety produces a vivid effect. Pkt. 10c.; $\frac{1}{8}$ oz. 40c.

Duchess of Albany. Satiny-white. Pkt. 5c.; $\frac{1}{4}$ oz. 20c.

Gloriosa. Darkest red. Pkt. 10c.; $\frac{1}{4}$ oz. 40c.

Rosamond. Vivid rose, compact. Pkt. 10c.; $\frac{1}{4}$ oz. 30c.

Schamini, "Rosy Morn" (see page 25).

Mixed. All colors. Pkt. 5c.; 1 oz. 40c.

GOURDS

(Ornamental)

Rapid climbing annuals, useful in covering arbors, fences, etc.; 10 to 15 ft.

Apple-shaped Pkt. 5c.; oz. 50c.

Bottle-shaped Pkt. 5c.; oz. 50c.

Dipper-shaped, or Calabash Pkt. 5c.; oz. 50c.

Luffa (Dish-rag) Pkt. 5c.; oz. 50c.

Egg-shaped Pkt. 5c.; oz. 50c.

Hercules' Club Pkt. 5c.; oz. 50c.

Orange-shaped Pkt. 5c.; oz. 50c.

Pear-shaped Pkt. 5c.; oz. 50c.

Fine Mixed Pkt. 5c.; oz. 50c.

Collection, 12 varieties 50c.

GRASSES

(Ornamental)

For borders and ornamental gardening; also when dried, for winter bouquets and decorations.

Collection of Grasses, 12 varieties 65c.

GREVILLEA ROBUSTA

A beautiful and graceful decorative plant, with fern-like foliage. Pkt. 10c.; $\frac{1}{4}$ oz. 50c.

HELICHRYSUM

(Straw Flower)

Monstrosum. Valuable as an "everlasting" for winter bouquets; double mixed. Pkt. 5c.; $\frac{1}{4}$ oz. 20c.

Imported Collection, 6 separate colors 30c.

HELIOPSIS

Pitcheriana. Handsome, hardy perennial, producing masses of golden-yellow flowers, excellent for cutting; 4 ft. Pkt. 10c.

HEUCHERA SANGUINEA

Splendid dwarf hardy perennial, producing erect spikes of vivid crimson flowers; height, 1 ft. Pkt. 10c.

HELIANTHUS, OR SUNFLOWER

Cucumerifolius (Miniature Sunflower). Single, yellow. Pkt. 5c.; $\frac{1}{4}$ oz. 25c.

Stella. Flowers of the purest golden-yellow, with a black disc. Flowers $2\frac{1}{2}$ to 3 inches across, and are borne on long stems; 3 to 4 ft. Pkt. 5c.; $\frac{1}{4}$ oz. 25c.

Orion. A very handsome variety, with petals twisted like those of the best cactus-shaped dahlia. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

Perkeo. A charming dwarf variety of the miniature sunflower. Pkt. 10c.; $\frac{1}{4}$ oz. 30c.

Double Californian (Californicus Fl. Pl.). Large, deep yellow flowers of perfect form; 5 ft. Pkt. 5c.; oz. 25c.

Globosus Fistulosus. Rich saffron color; flowers large and double; 6 ft. Pkt. 5c.; oz. 25c.

Nanus fl. pl. Dwarf, double orange flowers; 4 ft. Pkt. 5c.; oz. 25c.

Perennial. A mixture of the finest single-flowering hardy perennial sorts. Pkt. 15c.

HELIOTROPE

Large Flowering, Finest Mixed. A popular bedding and pot plant; flowers sweetly scented. Half-hardy perennial. Pkt. 10c.; $\frac{1}{8}$ oz. 50c.

Regale. Improved variety of dwarfer habit, very fine flowers. Pkt. 25c.

HOLLYHOCK

Chater's Finest Mixed. From a splendid collection of double varieties. Pkt. 10c.; $\frac{1}{4}$ oz. 75c.

Chater's Double White Pkt. 10c.

Chater's Double Scarlet Pkt. 10c.

Chater's Double Golden-Yellow Pkt. 10c.

Chater's Double Salmon-Rose Pkt. 10c.

Chater's Double Maroon Pkt. 10c.

Mammoth Fringed, "Allegheny." The colors vary from the palest pink to deep red. Pkt. 10c.; $\frac{1}{4}$ oz. 30c.

Single Mixed. Fine and showy. Pkt. 10c.; $\frac{1}{4}$ oz. 30c.

Imported Collection of 12 Colors \$1.00

HUMULUS

(Japanese Hop)

A very ornamental and rapid-growing climber, with handsome, finely cut foliage; 15 to 25 ft.; annual.

Japonicus. Beautiful green foliage. Pkt. 5c.; $\frac{1}{4}$ oz. 25c.

Variegatus. A variegated variety, with handsome foliage. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

HUNNEMANNIA

(Giant Yellow Tulip Poppy)

Fumariaefolia. Plants grow about 2 ft. high, and are covered with large yellow, poppy-like blossoms from July until hard frost. Pkt. 10c.; $\frac{1}{4}$ oz. 50c.



HELIOTROPE "REGALE"



DOUBLE STOCK-FLOWERED LARKSPUR

HYACINTH BEAN

(Dolichos Lablab)

A rapid-growing annual climber, flowering freely in clusters; purple and white mixed; 10 ft. Pkt. 5c.

ICE PLANT

Pretty summer trailing annual for vases and rock work; leaves covered with ice-like drops; flowers white; half-annual; 6 in. Pkt. 5c.; $\frac{1}{4}$ oz. 15c.

IMPATIENS

Most beautiful and useful flowering plant, producing waxy bright flowers almost continually winter and summer; tender perennial; 1 ft.

Sultani. Bright rosy-carmine. Pkt. 15c.

Holstii Hybrids. Form strong bushy plants about 2 ft. high, covered with attractive flowers throughout the entire summer and fall. Pkt. 15c.

IPOMŒA

Rapid-growing twining plants, useful for covering arbors and trellises, remarkable for their showy flowers of white, pink, blue and purple.

Imperialis (Japanese Morning Glory). The flowers are of enormous size and of great variety of colors.

Pkt. 10c.; oz. 40c.

Setosa (Brazilian Morning Glory). Flowers of a pleasing rose color, borne very freely in large clusters from August to frost. Pkt. 10c.; $\frac{1}{4}$ oz. 30c.

Rubra Cœrulea (Heavenly Blue). Immense flowers of a bright sky blue. Pkt. 10c.; $\frac{1}{4}$ oz. 35c.

Grandiflora (Moon Flower). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly, and will cover a large surface.

Pkt. 10c.; $\frac{1}{4}$ oz. 30c.

KOCHIA (Summer Cypress)

Tricophylla. Forms highly decorative bushes; foliage green, turning to fiery red in autumn; $2\frac{1}{2}$ ft.

Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

LANTANA

Tall. One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom. Verbena-like heads of orange, white, rose and other colored flowers; 2 to 3 ft. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

New Dwarf Compact. Most elegant and showy.

Pkt. 25c.

ANNUAL LARKSPURS

Double Stock-Flowered. A tall branching variety with splendid spikes of beautiful double flowers, lasting in full beauty the greater part of the summer and fall; $2\frac{1}{2}$ to 3 ft.

Pure White Pkt. 10c.

Dark Rose Pkt. 10c.

Lilac Pkt. 10c.

Dark Blue Pkt. 10c.

Steel Blue Pkt. 10c.

Flesh Color Pkt. 10c.

Finest Mixed, all colors Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

Collection of 6 separate colors 50c.

Dwarf Rocket, Mixed. Height, 18 inches.

Pkt. 5c.; oz. 25c.

LATHYRUS LATIFOLIUS

(Everlasting, or Hardy Sweet Pea)

Showy, free-flowering hardy perennial climber for covering old stumps, fences, etc.; continually in bloom; fine for cutting; 6 ft.

White Pearl. Long spikes of very large flowers.

Pkt. 25c.

Pink Beauty. Rosy pink. Pkt. 15c.

Mixed. All colors. Pkt. 10c.

LINUM

Grandiflorum Rubrum. An elegant, free-flowering hardy annual, valuable for bedding; brilliant scarlet flowers; height, 12 in. Pkt. 5c.; oz. 30c.

Flavum. A bright yellow, hardy perennial variety, 1 ft. Pkt. 10c.

Perenne. Another hardy variety, producing bright blue flowers the entire summer; 18 in. Pkt. 10c.

LOBELIA

Crystal Palace Compacta. Deep blue; the finest dark blue for bedding. Pkt. 15c.; $\frac{1}{8}$ oz. 75c.

Barnard's Perpetual. Brilliant ultramarine blue, with large white eye; constant bloomer; for baskets or borders. Pkt. 10c.

Gracilis. Bright blue trailer; fine basket variety.

Pkt. 5c.; $\frac{1}{4}$ oz. 25c.

Emperor William. Light blue compact, very fine.

Pkt. 15c.

Hybrida "Sapphire." Deep blue, pure white eye; used for balconies and hanging baskets. Pkt. 25c.

HARDY PERENNIAL LOBELIAS

Tall-growing, with showy spikes of richly colored flowers; for permanent beds and borders they are indispensable; 3 ft.

Cardinalis ("Cardinal Flower"). Long spikes of intense scarlet flowers. Pkt. 25c.

Cardinalis Hybrids. Splendid mixed. Pkt. 25c.

LINARIA

Cymbalaria (Kenilworth Ivy). Beautiful trailing plants with violet flowers; useful for vases, baskets, etc.

Pkt. 10c.



LUPINUS POLYPHYLLUS

LUPINUS (Lupine)

Annual Sorts. Showy, hardy plants, producing handsome spikes of brilliantly colored flowers; 2 ft. **White, Rich Blue, Pink, Sky-Blue, and mixed.**

Each, per pkt. 10c.; oz. 30c.

Polyphyllus. Hardy perennial varieties. **Rose, White, Blue.**..... Each, per pkt. 10c.

Perennial Mixed. All colors..... Pkt. 5c.; oz. 30c.

Hybridum Roseus. This variety is especially recommended for forcing in the greenhouse. Spikes covered with rose-colored pea-shaped flowers..... Pkt. 10c.

LYCHNIS

Handsome hardy perennial plants of easy culture, for massing in beds and borders; blooming the first year, if sown early.

Chalcedonica. Fine scarlet flowers; 2 ft.

Pkt. 5c.; $\frac{1}{4}$ oz. 25c.

Haageana. Brilliant orange, scarlet, crimson, etc., in mixture; 1 ft..... Pkt. 10c.

MARIGOLD, AFRICAN

Prince of Orange. Orange-yellow. Pkt. 5c.; $\frac{1}{4}$ oz. 25c.

Lemon Queen. Sulphur-yellow... Pkt. 5c.; $\frac{1}{4}$ oz. 25c.

Tall Double Mixed...... Pkt. 5c.; $\frac{1}{4}$ oz. 25c.

Eldorado. Flowers very large, imbricated, and extremely double. Colors in all shades of yellow.

Pkt. 5c.; $\frac{1}{4}$ oz. 30c.

Imported Collection, 6 varieties 35c.

MARIGOLD, FRENCH

Dwarf French. Fine colors, mixed, very double, 1 ft.

Pkt. 5c.; $\frac{1}{4}$ oz. 20c.

Legion of Honor. Large, single, golden-yellow, with purple blotch..... Pkt. 5c.; $\frac{1}{4}$ oz. 25c.

Imported Collection of double French, 6 varieties. 35c.

MARVEL OF PERU

The well-known "Four O'Clocks." A handsome free-flowering garden favorite, blooming the first season from seed; 2 ft.

Mixed Colors...... Pkt. 5c.; oz. 20c.

MATRICARIA

Free-flowering, hardy plants, fine for bedding or for pot culture; blooms until frost; hardy annual; 18 in.

Capensis Alba Plena (Double White Feverfew). Handsome double white flowers..... Pkt. 10c.

MAURANDIA

Elegant twining plants, with handsome foliage and tube-shaped flowers, flowering early from seed the first season; particularly adapted for house and conservatory. Splendid for hanging-baskets, window-boxes, etc. Half-hardy perennial; 10 ft.

Finest Mixed...... Pkt. 15c.

Barclayana, Purple...... Pkt. 15c.

MIMULUS

Half-hardy perennials, blooming the first year from seed. They thrive best in moist ground.

Tigrinus grandiflorus. Flowers large and of various shades of yellow, elegantly spotted and marked with crimson and maroon; 1 ft..... Pkt. 15c.

Moschatus (Musk Plant). Fine for hanging-baskets, etc.; small yellow flowers, fragrant foliage..... Pkt. 20c.

MIMOSA PUDICA

("Sensitive Plant.") Curious annual; the leaves instantly close up when touched. A neat plant for either pot or garden culture; $1\frac{1}{2}$ ft..... Pkt. 5c.

MINA LOBATA

An attractive and free-flowering half-hardy climbing annual; buds at first a vivid red, changing to orange-yellow; flowers, when fully expanded, creamy white; 18 ft.

Pkt. 10c.

MOMORDICA

Handsome climbing annual with rich green foliage and golden-yellow warted fruit.

Balsamina (Balsam Apple). Round apple-shaped fruit.

Pkt. 10c.; oz. 50c.

Charantia (Balsam Pear). Pear-shaped fruit.

Pkt. 10c.; oz. 50c.

MUSA ENSETE

Abyssinian Banana (Tender Perennial). The leaves are magnificent, long, broad and massive. Seeds germinate easily if started in a hotbed or greenhouse.

Pkt. 25c.; 25 seeds, 50c.



MARIGOLD, AFRICAN

MIGNONETTE

Machet. Dwarf and vigorous, large spikes of sweet-scented flowers. Fine either for greenhouse or outdoor culture. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

Golden Machet. Thick, massive spikes of golden-yellow fragrant flowers. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

Defiance. Spikes from 12 to 15 inches long; deliciously fragrant. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

Miles' Hybrid Spiral. Very fragrant spikes 8 to 10 inches long; plant dwarf and branching. Pkt. 5c.; oz. 25c.

Victoria. Flower spikes of bright red. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

Goliath. The immense trusses of highly scented flowers are borne on erect, strong, stiff stalks. It is especially suited to house culture. Pkt. 15c.; $\frac{1}{4}$ oz. 60c.

Bismarck. Very large, true pyramidal shape. Reddish-colored flowers borne on strong stems. Pkt. 10c.

Grandiflora. Large-flowered; sweet-scented. Pkt. 5c.; oz. 25c.

MYOSOTIS (Forget-me-not)

Most of the Forget-me-nots will bloom the first year from seed if sown early. If sown in July or August in shaded frames, fine plants will be obtained for spring blooming.

Alpestris Victoria. The plants are of dwarf, compact growth, with long sprays of bright blue flowers, produced in dense umbels; 6 inches. Pkt. 10c.; $\frac{1}{8}$ oz. 40c.

Dissitiflora. Very free-blooming, large-flowering; compact habit. Pkt. 15c.; $\frac{1}{8}$ oz. 75c.

Palustris Semperflorens. Very dwarf; blooming from spring until autumn. A splendid outdoor sort. Succeeds best in moist or partly shady places. Pkt. 10c.; $\frac{1}{8}$ oz. 40c.

Eliza Fonrobert (Robusta grandiflora). Large-flowering, bright blue; remarkably fine and distinct. Pkt. 10c.; $\frac{1}{8}$ oz. 35c.

Ruth Fisher. Broad green foliage with large clear blue flowers Pkt. 25c.

Royal Blue. This beautiful variety belongs to the upright, pillar-shaped section; the flowers are of larger size and a deeper blue than any other; unexcelled for pot culture Pkt. 10c.; $\frac{1}{8}$ oz. 40c.

Star of Love. Blue, very dwarf with dark green leaf, very pretty Pkt. 25c.

Palustris. The true Forget-me-not; beautiful blue flowers; 6 in. Pkt. 10c.; $\frac{1}{8}$ oz. 50c.

NASTURTIUMS—DWARF

Price—Any of the following dwarf sorts: Pkt. 5c.; oz. 20c.

Aurora. Primrose, veined carmine-pink.

Beauty. Light scarlet.

Bronze. Bronzy-orange.

Chameleon. Pale yellow, blotched and flaked with red.

Cloth of Gold. Scarlet flowers and yellow foliage.

Crystal Palace Gem. Sulphur, maroon blotches.

Empress of India. Deep crimson, dark foliage.

Golden King. Golden yellow.

King of Tom Thumbs. Dark scarlet; dark leaves.

King Theodore. Deep crimson-maroon, dark foliage.

Lady Bird. Orange-yellow, suffused with red.

Prince Henry. Yellow, spotted red.

Rose. Soft carmine rose.

Ruby King. Rich crimson rose.

Vesuvius. Salmon-rose, dark foliage.

Finest Mixed. Dwarf varieties.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.35.

Collection of Dwarf Nasturtiums; 12 varieties. 50c.



DWARF NASTURTIUM CRYSTAL PALACE GEM

NASTURTIUMS—TALL

Price—Any of the following tall sorts: Pkt. 5c.; oz. 20c.

Dark Crimson.

Coccineum. Scarlet.

Heinemanni. Chocolate.

Hemisphaericum. Orange.

Jupiter. Golden yellow; large-flowered.

King Theodore. Deep maroon, dark foliage.

Pearl. Creamy white.

Prince Henry. Yellow, spotted red.

Scheurianum. Straw color, spotted crimson.

Schulzi. Scarlet, dark leaved.

Vesuvius. Salmon, dark-leaved.

Von Moltke. Bluish rose.

Finest Mixed. Tall or climbing varieties.

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.35.

Collection of 12 tall or climbing varieties. 50c.

LOBB'S NASTURTIUMS

Both foliage and flowers of this type are slightly smaller than those of the common Tall Nasturtiums, but the wonderful profusion of bloom and intense brilliancy of colors make it particularly desirable.

Price—Any of the following. Pkt. 5c.; oz. 20c.

Asa Gray. Pale primrose-yellow, almost white.

Black Prince. Velvety-black, purplish-crimson.

Cardinal. Intense deep scarlet, dark foliage.

Armistice. Deep ruby-garnet.

Giant of Battles. Sulphur-yellow, blotched red.

Golden Queen. Pure golden-orange.

Lucifer. Rich, dark scarlet.

Princess Victoria Louise. Creamy white, with conspicuous ruby-rose blotches.

Regina. Brilliant salmon-red on opening, changing as they age to almost a cream color.

Roi des Noirs (King of the Blacks). Deep velvety garnet; very rich, dark foliage.

Rudolf Virchow. Fine carmine-rose.

Spitfire. Brilliant orange-vermilion.

Finest Mixed (Lobb's).

Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

Collection of 12 Lobb's varieties. 50c.

NEMESIA STRUMOSA SUTTONII

A pretty annual for bedding or pot culture. Great variety of colors. Pkt. 25c.

NEMOPHILA

Splendid annuals for garden decoration; bright colored flowers, in shades of blue, white and violet; 1 ft.

Finest Mixed. Pkt. 5c.; oz. 25c.

NICOTIANA

Affinis. Sweet-scented, pure white tubular flowers, blooming continually; annuals; 2 to 3 ft.

Pkt. 5c.; ¼ oz. 25c.

Sanderæ Hybrids. A splendid type in a great variety of colors. Pkt. 10c.

Sylvestris. Plants of pyramidal growth, 4 ft. high, with fine deep green foliage; pure white, fragrant, drooping flowers, borne in loose heads. Pkt. 10c.

NIEREMBERGIA

A half-hardy perennial, slender-growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases, or bedding out; 1 ft.

Frutescens. White, tinted with lilac. Pkt. 10c.

NIGELLA (Love-in-a-Mist)

Interesting hardy annuals with finely cut foliage and curious flowers.

Miss Jekyll. The flowers of this attractive plant are of a beautiful shade of cornflower-blue. For cutting this variety is unexcelled. Pkt. 10c.; ¼ oz. 25c.

Miss Jekyll White. A white form of the preceding. Pkt. 15c.

Damascena. Double blue and white mixed. Pkt. 5c.; 1 oz. 25c.



NIGELLA, MISS JEKYLL



"EXHIBITION PRIZE" PANSY

PANSY

Our seeds of this universal favorite are from the most noted European growers, the choice strains being unsurpassed for size and form of flowers, beauty of markings, brilliancy and variety of colors and shades.

Waterer's "Exhibition Prize," Mixed. This is a superb mixture of the largest and best types in an immense variety of brilliant colors.

Pkt. 50c.; ⅛ oz. \$1.00; ¼ oz. \$3.00; oz. \$10.00.

Cassier's Large-Flowered Blotched. This is the largest flowered class of Blotched Pansies. Pkt. 25c.; ⅛ oz. 75c.

Roemer's Giant Five-Spotted. A magnificent strain of fine varieties, producing large, handsome, richly colored flowers of great substance and variety of colors.

Pkt. 50c.; ⅛ oz. \$2.00.

English "Prize." Seed saved from the finest collection of prize plants. Pkt. 50c.; ⅛ oz. \$2.00.

Masterpiece. Curled, wavy petals; splendid colors; new and distinct. Pkt. 25c.; ⅛ oz. \$1.50.

Parisian. Beautiful improved strain of Trimardeau Pansies, mostly white ground and five blotched varieties. Pkt. 15c.; ⅛ oz. 40c.

Giant "Prize," Golden-Yellow. Bright golden-yellow, with large brown eyes. Pkt. 25c.; ⅛ oz. 75c.

Giant "Prize," Blue. Ultramarine blue with violet eye. Pkt. 25c.; ⅛ oz. 75c.

Giant "Prize," White. White flowers with large, deep violet spots on each of the lower petals. Pkt. 25c.; ⅛ oz. 75c.

Giant "Prize," Snow Queen. Satin-white, center slightly tinged with yellow. Pkt. 25c.; ⅛ oz. 75c.

Giant "Prize," Golden Queen. Bright golden-yellow, marked in the center with a few dark stripes. Pkt. 25c.; ⅛ oz. 75c.

Giant "Prize," King of the Blacks. Almost coal black. Pkt. 25c.; ⅛ oz. 75c.

Finest Mixed. Many colors. Pkt. 10c.; ⅛ oz. 50c.

PENTSTEMON

Hardy perennial; very ornamental in the garden and fine for cutting; 3 ft.

Grandiflorus "Excelsior." The plants of this fine new variety attain a height of about 2½ feet. The blooms are a great size, almost as large as a Gloxinia, and range in color from white to deep scarlet. Pkt. 25c.

Grandiflorus. Large-flowering sorts; finest mixed. Pkt. 15c.

Hartwegi Albus. Pure white. Pkt. 15c.



PETUNIA, GIANT EXCELSIOR

PETUNIA

Large-Flowering Single Fringed. An unrivaled strain, producing large, beautiful flowers of the richest colors, with fringed edges. Pkt. 50c.

Superb Large-Flowering Double-Fringed. Our seed of these is of unsurpassed excellence; finest mixed. . Pkt. 50c.

Ideal (see page 26).

Giant Excelsior. New, strong, vigorous grower with enormous flowers, grand mixture of colors. Pkt. 35c.

Feltham Beauty (see page 26).

Rosy Morn. Bright rosy pink, white throat, compact and free flowering. Pkt. 25c.

Howard's Star. Rich crimson, with distinct white star in center. Pkt. 15c.

Dwarf Inimitable. Dwarf plants, 6 to 8 inches high; flowers cherry red, with a white center; splendid for edgings and massing. Pkt. 10c.; 1/8 oz. 30c.

Single Finest Mixed. A splendid strain, producing flowers of medium size in great variety of colors. Very free-blooming and excellent for beds and masses. Pkt. 10c.; 1/4 oz. 50c.

Collection, 6 single varieties. 75c.

Collection, 6 double varieties. 85c.

PHLOX DRUMMONDII

SELECT LARGE-FLOWERING

(Grandiflora)

This is the finest type having the largest heads of bloom as well as the largest individual flowers; 15 inches.

White Pkt. 10c.; 1/4 oz. 60c.

Shell Pink Pkt. 10c.; 1/4 oz. 60c.

Deep Rose Pkt. 10c.; 1/4 oz. 60c.

Bright Scarlet Pkt. 10c.; 1/4 oz. 60c.

Scarlet with White Eye Pkt. 10c.; 1/4 oz. 60c.

Yellow Pkt. 10c.; 1/4 oz. 60c.

Choicest Mixed Pkt. 10c.; 1/4 oz. 50c.

Collection of 12 colors. 75c.

DWARF PHLOX

For pot culture or edgings.

Brilliant Rose, Fireball, scarlet; Snowball, pure white, and extra Fine Mixed. Each, per pkt. 10c.

STAR PHLOX

Star of Quedlinburgh. Of dwarf habit, with very pretty star-shaped flowers. Mixed colors. . Pkt. 15c.; 1/8 oz. 50c.

PLATYCODON

The large-flowering Chinese Bell Flower; hardy perennial, bearing large, broad, bell-shaped white or blue flowers, very handsome for garden decoration; 1 ft.

Grandiflora Nana, Mixed Pkt. 10c.

Mariesi. Large, open, bell-shaped flowers of a rich, violet blue; plant dwarf and compact. Pkt. 10c.

PORTULACA

Single, Mixed Colors. Pkt. 5c.; oz. 50c.

Double, Mixed Colors. Pkt. 10c.; 1/8 oz. 50c.

POPPIES

(Single Annual)

Shirley (Santa Rosa Strain). Most beautiful strain of single poppies. The colors range through all shades of delicate rose, pink, carmine and brilliant crimson; 2 ft.

Pkt. 10c.; 1/4 oz. 20c.; oz. 50c.

Black Prince. New. A single fringed Poppy of black-brown hue, with dark violet reflection, which, with the almost white anthers, form a striking contrast.

Pkt. 5c.; 1/4 oz. 20c.

Dainty Lady. An annual peony-flowered Poppy with single flowers, 4 to 5 inches across, charmingly colored rosy-mauve with a dark blotch at the base of each petal.

Pkt. 10c.; 1/4 oz. 25c.

Chas. Darwin. Annual Poppy, growing 2 to 2 1/2 ft. high and is remarkable for its new color, a rich dark purple, adorned with a black spot at base of petals.

Pkt. 5c.; 1/4 oz. 20c.

Virginia. Large, beautifully fringed flowers of pure white, edged with soft pink. Pkt. 5c.; 1/4 oz. 20c.

King Edward. Deep scarlet red with large black blotch on each petal; 2 1/2 ft. Pkt. 10c.; 1/4 oz. 20c.

Miss Sherwood. This fine single Peony-flowered Poppy bears large flowers of a satiny-white, the upper half being a silky chamouis-rose. Pkt. 10c.; 1/4 oz. 20c.

Admiral. A single Peony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top Pkt. 10c.; 1/4 oz. 20c.

The Bride. A beautiful variety, with very large, pure white, perfectly formed flowers . . Pkt. 10c.; 1/4 oz. 20c.

Danebrog (Danish Flag). Single scarlet flowers, with a large white blotch on each petal; 2 ft. Pkt. 5c.; oz. 30c.

Glaucum (Tulip Poppy). A striking variety, with dazzling scarlet flowers; 1 ft. Pkt. 10c.; 1/4 oz. 25c.

Umbrosum. Bright crimson, with black spot on each petal; 1 1/2 ft. Pkt. 5c.; 1/4 oz. 20c.

Single Mixed. Annual sorts. Pkt. 5c.; oz. 25c.

POPPIES (Double Annual Varieties)

Mikado. Double; white-fringed petals, tipped with scarlet; 2 ft. Pkt. 5c.; oz. 25c.

White Swan. Immense double flowers, beautifully fringed, and of purest white. Pkt. 5c.; oz. 40c.

Carnation-Flowered. Finest mixed double; large showy flowers; 2 ft. Pkt. 5c.; oz. 30c.

Peony-Flowered, Mixed. Splendid large, double flowers of all colors Pkt. 5c.; oz. 30c.

HARDY PERENNIAL POPPIES

Perennial Poppies may be sown from June to August, to bloom the following summer.

Alpine Poppy (*Papaver alpinum*). Charming dwarf Poppies, with delicate flowers, including yellow, white, scarlet and pink; 1 ft.; finest mixed.....Pkt. 25c.

Orientele (Oriental Poppy). The beautiful dark brilliant scarlet hardy Poppy.....Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

Hybrid Orientele. These hybrids contain many new colors, including white, blood-red, salmon, glowing scarlet, etc.; very fine.....Pkt. 15c.

Orientele Mammoth. A new variety; the largest of all; flowers glowing scarlet.....Pkt. 15c.

Orientele Hybrid "Mrs. Perry." Orange apricot, very fine.....Pkt. 25c.

Orientele Hybrid "Princess Victoria Louise." Bright salmon scarlet.....Pkt. 25c.

Iceland (*Papaver nudicaule*). They grow about a foot high, and are covered with masses of bright, satin-like flowers. Finest mixed.....Pkt. 10c.

Bracteatum. Large orange-scarlet flowers.
Pkt. 5c.; $\frac{1}{4}$ oz. 25c.

PRIMULA CHINENSIS

Our Primulas may be relied on as being of the finest procurable.

Alba Magnifica. Pure white, with yellow eye, one of the finest.....Pkt. 50c.

Chiswick Red. Large, brilliant scarlet.....Pkt. 50c.

Crimson King. The deepest and richest crimson scarlet color in Primulas, very striking.....Pkt. 50c.

Duchess. Superb novelty, pure white, with large bright carmine center.....Pkt. 50c.

Holborne Blue. A beautiful shade.....Pkt. 50c.

Orange King. Orange-salmon, shaded with terra cotta; very beautiful.....Pkt. 50c.

"Queen Mary." The color is a most lovely rose pink of the finest "Giant" form. The petals are large, and of great substance, erect and free flowering.....Pkt. 50c.

Choicest Mixed. A superb mixture.....Pkt. 50c.

Double-Flowering. Finest varieties; mixed..Pkt. 50c.

Stellata. Large heads of star-shaped flowers of various colors.....Pkt. 50c.

PRIMULA OBCONICA

Obconica Gigantea Kermesina. Rich crimson.
Pkt. 25c.

Obconica Gigantea Rosea. Pure rose color..Pkt. 25c.

Obconica Gigantea Alba. Pure white.....Pkt. 25c.

Obconica Gigantea Mixed. All colors.....Pkt. 20c.

Obconica Grandiflora Alba. Pure white.....Pkt. 20c.

Obconica Grandiflora Kermesina. Bright crimson.
Pkt. 20c.

Obconica Grandiflora Rosea. Beautiful clear rose.
Pkt. 20c.

Obconica Grandiflora Mixed. All colors....Pkt. 15c.

VARIOUS PRIMULAS

Forbesi (Baby Primrose). Produces delicate sprays of small rosy-lilac flowers.....Pkt. 25c.

Floribunda. Yellow, fine winter bloomer....Pkt. 25c.

Kewensis. The flowers are a bright yellow in color and fragrant.....Pkt. 50c.

Malacoides "Superba." A new and improved variety, flowers larger and much deeper in color than the old Malacoides. The color is deep rosy pink, a great improvement. The habit of the plant is also better than the old variety. A first-class plant for greenhouse decoration during winter.....Pkt. 30c.

Malacoides. Pretty light lilac, branching habit.
Pkt. 25c.

Malacoides Alba. Pure white.....Pkt. 25c.

HARDY PRIMROSES

These are among the best of the early spring-blooming plants. With slight protection they will stand the winter, but will do better if protected by a cold-frame.

Auricula. A well-known variety of great beauty; brilliant colored flowers in umbels, ranging in colors of maroon, purple, crimson and yellow. Choice mixed from prize flowers.....Pkt. 25c.

Polyanthus (*Primula Elatior*). The colors range from white to deep maroon; the yellow, rose and crimson shades being particularly fine; 9 inches. Finest mixed.
Pkt. 20c.

Japonica Mixed. One of the finest Primroses for the garden, producing several whorls of large flowers, on erect stems, varying from white to crimson; $1\frac{1}{2}$ feet...Pkt. 15c.

Vulgaris (English Primrose). Flowers fragrant, canary-yellow color.....Pkt. 10c.

Sieboldii. Attractive class, suitable for pot culture; with large clusters of flowers; colors, white to rosy crimson. 1 ft.....Pkt. 25c.

PUERARIA THUNBERGIANA

(Kudzu Vine)

Tender perennial climber from Japan, bearing small racemes of rosy-lilac flowers late in the season. It makes a growth of 8 to 10 feet the first year, but when established frequently grows 30 to 40 feet.....Pkt. 10c.

PYRETHRUM

Aureum (Golden Feather). Dwarf bedding plant, with yellow, fern-like leaves, useful for edging beds and borders.
Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

Hybridum Grandiflorum. Large-flowering single mixed. Hardy perennial, bearing large, daisy-like flowers, ranging in color from light pink to deep red, with bright yellow centers; 2 ft.....Pkt. 15c.; $\frac{1}{4}$ oz. 75c.

Hybridum fl. pl. Double mixed.....Pkt. 25c.

Uliginosum (Giant Daisy). A fine, hardy perennial, grows 3 to 4 feet high, and from July to September is literally hidden beneath the large white flowers..Pkt. 15c.

RHODANTHE

A well-known and splendid Everlasting; valuable for the decoration of the conservatory and flower-garden; fine for bedding; mixed 1 ft.....Pkt. 5c.



PRIMULA CHINENSIS



SALPIGLOSSIS GRANDIFLORA

REHMANNIA

Angulata "Pink Perfection." Greenhouse herbaceous perennial. The plant is of easy cultivation, erect habit, 2 to 3 feet high, large drooping rosy pink flowers resembling those of the Incarvillea. Pkt. 35c.

RICINUS

(Castor Oil Bean)

Zanzibariensis Mixed. Producing leaves of enormous size varying in color from light green to purplish red; 15 ft. Pkt. 5c.; oz. 20c.

Cambodgensis. The finest dark foliage, leaves and stem nearly black; 6 ft. Pkt. 5c.; oz. 20c.

Borboniensis Aboreus. Very large and beautiful green foliage; 15 ft. Pkt. 5c.; oz. 20c.

Duchess of Edinburgh. Dark purple stem and leaves. Pkt. 10c.; oz. 30c.

Sanguineus. Blood-red stalks and clusters of red fruit; 8 ft. Pkt. 10c.; oz. 30c.

Gibsoni. Dwarf and compact, deep red foliage; 5 ft. Pkt. 10c.; oz. 30c.

Mixed Varieties. Pkt. 5c.; oz. 20c.

SALPIGLOSSIS

Highly ornamental annual, with large, veined, funnel-shaped flowers; much prized for cutting. Very showy in beds or borders; 2 ft.

Emperor. A new large flowering variety, each stem is loaded with these most handsome flowers. Pkt. 10c.

Grandiflora, Large-Flowered, Mixed. Including all the finest flowers. Pkt. 10c.; ¼ oz. 75c.

Collection, 6 varieties, separate. Very large flowers. 60c.

SALVIA

One of the handsomest and most showy summer- and autumn-flowering plants, forming compact bushes which are literally ablaze with brilliant flowers. Tender perennial, but blooms first season from seed.

Bonfire. Earliest and finest compact sort; intense scarlet; 2 ft. Pkt. 10c.; ⅛ oz. 40c.; ¼ oz. 75c.

Triumph. Extra-early flowering; rich, velvety scarlet. Pkt. 25c.

Zurich. The earliest flowering of all salvias; produce an abundance of bright scarlet flowers from early July until frost; 18 inches Pkt. 25c.

Splendens. Brilliant scarlet; 3 ft. Pkt. 10c.; ⅛ oz. 50c.

Patens. Bright blue; 2 ft. Pkt. 25c.

SMILAX

A popular greenhouse climber with small, dark-green foliage of great value for floral decoration; 8 to 10 ft.

Pkt. 10c.; ¼ oz. 20c.; oz. 60c.

SCABIOSA (Mourning Bride)

One of our best summer-flowering annuals. White, Flesh Color, Scarlet, Black-purple, Lavender, Mixed.

Each, per pkt. 5c.

Azure Fairy. Rich pale blue, very fine large flower. Pkt. 25c.

Fire King. Rich rosy crimson, very fine intense color. Pkt. 25c.

SCABIOSA (Perennial)

Caucasica. Valuable for cutting, the blooms lasting a long time in water; lilac blue; hardy perennial; 3 ft. Pkt. 20c.

Japonica. A hardy variety from Japan of bushy growth; flowers lavender blue. A fine cut flower; 3 ft. Pkt. 20c.

SCHIZANTHUS

Wisetonensis. A splendid plant for the conservatory or greenhouse. A specimen in full flower is a most exquisite picture. The colors range from soft pink to dark brown; 3 ft. Pkt. 20c.

Wisetonensis "Excelsior" (see page 26) Pkt. 35c.

Dwarf Large-Flowered. Beautiful large orchid-like flowers in many pretty shapes and markings. May be sown outdoors in spring or in fall in pots for winter blooming. Pkt. 10c.

Bridal Veil. Pure white. Pkt. 35c.

Retusus "Pink Beauty" (see page 26) Pkt. 50c.

Mixed. A splendid mixture of the regular type. Pkt. 5c.; ¼ oz. 25c.

STOKESIA (Cornflower Aster)

Cyanea. A beautiful hardy perennial. Lavender-blue, cornflower-like blossoms. Blooms from July to frost. Indispensable for cuttings; 2 ft. Pkt. 15c.

Cyanea Alba. A pure white flowering form, identical to the blue variety in every way except color. Pkt. 15c.



STOKESIA CYANEA

SOLANUM

Capsicastrum (Jerusalem Cherry). Miniature bush, covered all winter with a profusion of scarlet fruit; 1 ft. Pkt. 10c.

STATICE (Sea Lavender)

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets. Mixed varieties. Pkt. 10c.

STEVIA

Serrata. A tender perennial, in great favor for cutting purposes; pure white fragrant flowers. Pkt. 10c.

STOCKS (Gilliflower)

One of the choicest and most popular of our hardy annuals for garden or greenhouse culture, bearing long spikes of fragrant flowers and one of the finest for cutting.

Large-Flowering 10-Week Stock

This is the leading class for bedding out or summer blooming.

Blood-Red.	Pkt. 15c.;	1/8 oz. \$1.00
Light Blue.	Pkt. 15c.;	1/8 oz. \$1.00
Bright Pink.	Pkt. 15c.;	1/8 oz. \$1.00
Purple.	Pkt. 15c.;	1/8 oz. \$1.00
Pure White.	Pkt. 15c.;	1/8 oz. \$1.00
Canary Yellow.	Pkt. 15c.;	1/8 oz. \$1.00
Finest Mixed.	Pkt. 15c.;	1/8 oz. \$1.00
Collection—A packet each of the 6 colors.		75c.

Giant Perfection, or Cut-and-Come Again Stock

Useful for outdoor bedding as well as for pots or cut-flower. They throw out numerous side branches, all bearing very double, fragrant flowers.

Canary Yellow.	Pkt. 15c.;	1/8 oz. \$1.00
Rose.	Pkt. 15c.;	1/8 oz. \$1.00
Blood-Red.	Pkt. 15c.;	1/8 oz. \$1.00
Dark Blue.	Pkt. 15c.;	1/8 oz. \$1.00
Light Blue.	Pkt. 15c.;	1/8 oz. \$1.00
White (Princess Alice).	Pkt. 15c.;	1/8 oz. \$1.00
Finest Mixed.	Pkt. 15c.;	1/8 oz. \$1.00
Collection—A packet each of the 6 colors.		75c.

WINTER-FLOWERING STOCKS

For forcing in the greenhouse in winter they are unexcelled.

Abundance. Color deep rose.	Pkt. 15c.
Bright Violet. Fine rich violet	Pkt. 15c.
Beauty of Nice. Fine for greenhouse or conservatory; color of flowers an exquisite shade of flesh tint	Pkt. 15c.
Rose of Nice. Beautiful rosy mauve.	Pkt. 15c.
Crimson King. Brilliant fiery scarlet.	Pkt. 15c.
Canary Yellow. Beautiful clear canary yellow.	Pkt. 15c.
Empress Elizabeth. Immense spikes of bright carmine-rose flowers, superb both for pots and cutting	Pkt. 15c.
White Lady (see page 25).	
Queen Alexandra. Delicate rosy lilac; in other respects similar to Beauty of Nice	Pkt. 15c.



STOCK, TEN-WEEK, LARGE-FLOWERED

SWEET ROCKET (Hesperis)

Old-fashioned garden plant, bears spikes of white and purple fragrant flowers, mixed colors. . . Pkt. 5c.; oz. 35c.

SWEET WILLIAM (Dianthus Barbatus)

A well-known, free-flowering hardy perennial, bearing heads of fragrant, richly colored flowers.

Pink Beauty. Compact in habit, with massive trusses of fine deep pink color. Pkt. 15c.

"Scarlet Beauty." An intensely rich, deep scarlet selection out of Pink Beauty. Pkt. 15c.

Holborn Glory. Extra large flowers; finest shades. Pkt. 10c.; 1/4 oz. 50c.

White. Pure white flowers. Pkt. 10c.

Single Mixed. Pkt. 5c.; oz. 40c.

Double Mixed. Pkt. 10c.; 1/4 oz. 50c.

TAGETES

Signata Pumila. Profuse-blooming border annual, flowers bright yellow. Pkt. 5c.; 1/4 oz. 30c.

THUNBERGIA (Black-Eyed Susan)

Hardy trailing annuals of rapid growth, useful for window boxes, hanging baskets and vases; 4 ft.

Alata. Flowers buff, with dark eye. Pkt. 10c.

Alata Alba. White, with dark eye. Pkt. 10c.

Aurantiaca. Orange, with dark eye. Pkt. 10c.

Mixed. All colors. Pkt. 10c.; 1/4 oz. 50c.

TORENIA

A beautiful free-flowering tender annual. If started in heat in February or March they commence to bloom in June and continue until frost; height 10 inches.

Fournieri. Sky blue, with three spots of dark blue and a bright yellow throat. Pkt. 10c.



SWEET PEAS

The following list embraces the most desirable sorts of the Grandiflora, Unwin, and Spencer types. We have discarded many of the older varieties, to give place to the new and larger-flowering sorts of similar colors. The Spencer or Orchid-flowering type are distinguished by the vigorous growth of the plants and the size of the flowers, the blooms often measuring two inches across, with usually four blossoms to a stem. In addition, the long-stemmed flowers have wavy or fluted petals.

* An asterisk denotes Waved or Spencer varieties.



- * **Agricola.** White, flushed soft lilac.
Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.
- * **Apple Blossom Spencer.** Bright rose and pink.
Pkt. 10c.; oz. 50c.
- * **Asta Ohn Spencer.** Soft lavender, suffused mauve.
Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00
- * **Aurora Spencer.** Cream white flaked orange-salmon.
Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- * **Bertrand Deal Improved.** Giant pale rosy lilac.
Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- * **Blue Picotee.** White with light blue edge.
Pkt. 10c.; oz. 50c.
- Blanche Ferry.** The popular pink and white.
Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.
- * **Blanche Ferry Spencer.** Pink and white, immense wavy flowers.....Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00.
- Brilliant Blue (Lord Nelson).** The best deep blue.
Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.
- * **Clara Curtis.** A fine primrose Spencer.
Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25.
- * **Constance Hinton.** A giant pure white.
Pkt. 15c.; oz. 60c.
- * **Countess Spencer.** Lovely shade of soft rose-pink.
Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- * **Dainty Spencer.** White, with rose-pink edges.
Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- * **Dazzler.** Brilliant orange-pink . . . Pkt. 10c.; oz. 50c.
- * **Dobbie's Lavender Geo. Herbert.** Bluish lavender.
Pkt. 10c.; oz. 50c.
- * **Doris Usher.** Salmon-pink on cream ground.
Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.
- Dorothy Eckford.** A grand white flower.
Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.
- * **Dobbie's Cream.** Beautiful primrose-colored flowers.
Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- * **Elfrida Pearson.** Light pink, margined with a darker pink.....Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.
- * **Elsie Herbert.** Large creamy standard, pink picotee.
Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.
- Extra Early Blanche Ferry.** A week earlier than the original Blanche Ferry....Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.
- * **Etta Dyke.** Large, pure white, very fine.
Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.75.
- Flora Norton.** A beautiful rich lavender.
Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.
- * **Florence Morse Spencer.** Light pink, edged with darker pink.....Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- * **Florence Nightingale.** The largest and best Lavender Spencer.....Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00.
- * **Geo. Herbert Spencer.** Bright rosy carmine.
Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.
- * **Hercules.** Giant pure pink.
Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.
- * **Helen Lewis Spencer.** Large wavy flowers of rich orange-pink.....Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- * **Helen Pierce Spencer.** White, mottled bright blue.
Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- * **Illuminator.** A rich salmon-pink.
Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.
- Janet Scott.** A beautiful deep pink of large size.
Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.
- King Edward VII.** Bright crimson scarlet, large flowers.
Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.
- * **King Edward Spencer.** Very large waved flowers of a bright crimson scarlet..Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- * **King Manoel.** Largest deep maroon.
Pkt. 10c.; oz. 50c.
- * **King White.** The largest and purest white.
Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

Sweet Peas—Continued

- Lady Grisel Hamilton. Light lavender blue.
Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.
- * Marks Tey. Violet with bronze wings.
Pkt. 10c.; oz. 50c.
- Miss Willmott. Beautiful large flowers of a rich orange-pink.....Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.
- Mont Blanc. Early white, fine for forcing.
Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.
- * Mrs. Cuthbertson. Giant-flowered rose and light pink.....Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.
- * Margaret Atlee. Pink on cream suffused with salmon.
Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.
- * Margaret Madison. Clear azure blue self.
Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.
- * Mrs. C. W. Breadmore. Buff ground, edged with pink.
Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- Mrs. George Higginson, Jr. Delicate lavender.
Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.
- * Mrs. Hugh Dickson. Rich pinkish apricot on a cream ground.....Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- * Mrs. Routzahn Spencer. Delicate shade of pink on an apricot ground, very large. Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.
- Mrs. Walter Wright. Large mauve blue.
Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.
- * New Miriam Beaver. Beautiful soft shell pink and salmonPkt. 20c.; oz. 75c.
- * Nubian. Flowers large and of a deep chocolate color.
Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- Othello. Deep glossy maroon.
Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.
- * Othello Spencer. A deep pure maroon flower of the largest size.....Pkt. 10c.; oz. 30c.
- * R. F. Felton. An attractive lavender self.
Pkt. 10c.; oz. 50c.
- * Robert Sydenham. Rich orange self.
Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.
- * Rosabelle. A very fine large rose self.
Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- * Royal Purple. Rich royal purple.
Pkt. 15c.; oz. 75c.; $\frac{1}{4}$ lb. \$2.25.
- Rose du Barri. A charming flower of deep rose color, overlaid with a lovely sheen of terra-cotta.
Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50.
- * Senator Spencer. Claret stripes on heliotrope ground.
Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.
- * Stirling Stent. Deep salmon, suffused with orange.
Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.

* Thos. Stevenson. The finest of all orange-scarlet selfs.....Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.

* Vermillion Brilliant. Brilliant scarlet, large and fine.
Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

* Wedgwood. Beautiful silvery blue.
Pkt. 10c.; oz. 50c.; $\frac{1}{4}$ lb. \$1.50.

* White Spencer. Enormous flowers of pure white.
Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00.

Novelty Sweet Peas. See Page 25

SWEET PEAS IN MIXTURE

Waterer's Superb Spencer Mixed Sweet Peas. A splendid, well-blended mixture of all true Spencer types only.....Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.75.

Waterer's Mixed Grandiflora Sweet Peas. This mixture is composed of the best of the grandiflora named varieties, and every care is taken to see that all the colors are well represented.
Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

NEW EARLY-FLOWERING SPENCER SWEET PEAS

	Pkt.
Morning Star.—Deep orange scarlet in standard, orange pink wings.....	\$0.25
Song Bird.—Pale pink on white ground; the flowers are borne on long stems in threes and fours.....	.25
Melody.—Rosy pink on white ground, long stems; flowers large and well waved.....	.25
Spring Maid.—Light pink on a cream ground.....	.25
Snow Flake.—Pure white. The blossoms are very large and of the best waved Spencer form.....	.25
Heather Bell.—The color is a rich but pleasing mauve, but after standing in water becomes a beautiful mauve lavender.....	.25
Mrs. A. A. Skach.—Shell pink, beautifully waved...	.25
Yarrowa.—Bright rose pink with a creamy base, large and free bloomer.....	.25

SWEET PEAS (Winter-flowering Grandiflora)

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Christmas Pink.—Pink and white....	\$0.10	\$0.25	\$0.75
Christmas White.—Pure white.....	.10	.25	.75
Mrs. Chas. H. Totty.—Sky blue.....	.10	.25	.75
Mrs. Alex. Wallace.—Lavender.....	.10	.25	.75
Mrs. F. J. Dolansky.—Daybreak pink	.10	.25	.75



VERBENA

TROPAEOLUM CANARIENSE

(Canary Bird Flower)

Rapid climber, of easy cultivation, flowering continually all summer; flowers of a bright canary yellow.

Pkt. 5c.; oz. 40c.

VALERIANA

Mixed (Garden Heliotrope). Showy, hardy border plants, producing fragrant red and white flowers; 2 ft.

Pkt. 5c.

VERBENA

One of the finest bedding plants and also suitable for borders, with its heads of brilliant colored flowers, producing one mass of bloom throughout the summer.

Mammoth Finest Mixed. An excellent strain of vigorous growth, producing trusses of large flowers of many brilliant colors.....Pkt. 10c.; ¼ oz. 50c.

Mammoth White.....Pkt. 10c.

Mammoth Scarlet.....Pkt. 15c.

Mammoth Rose and Pink Shades.....Pkt. 10c.

Mammoth Purple and Blue Shades.....Pkt. 10c.

Mammoth Striped.....Pkt. 10c.

Mammoth Dark Purple.....Pkt. 15c.

Mammoth Yellow.....Pkt. 15c.

Hybrida Gigantea. Mixture, in which rose, red, and carmine shades with large white center predominate.

Pkt. 15c.; ¼ oz. 60c.

Helen Willmott (see page 25).

Lemon Verbena. Fragrant foliage.....Pkt. 10c.

VERONICA (Speedwell)

Spicata. An elegant hardy perennial, growing 18 inches high, bearing all summer spikes of bright blue flowers.

Pkt. 10c.

VIOLAS, OR TUFTED PANSIES

Lutea Splendens. Golden yellowPkt. 10c.

Mauve Queen. Fine mauve colorPkt. 10c.

Purple Queen. Deep purplish blue.....Pkt. 10c.

White Perfection. Pure white.....Pkt. 10c.

Scotch Strains. Choicest and newest bedding hybrids, mixedPkt. 35c.

VINCA (Madagascar Periwinkle)

Ornamental free-blooming perennials flowering the first year from seeds sown in February or March in heat. They are most effective as bedding plants and are particularly adapted for dry sunny situations where they will flower all summer. Seeds are of slow germination; 2 ft.

Rosea. Rose, dark eye.....Pkt. 10c.; ¼ oz. 40c.

Alba. White, crimson eyePkt. 10c.; ¼ oz. 40c.

Alba Pura. Pure white.....Pkt. 10c.; ¼ oz. 40c.

Mixed.....Pkt. 10c.; ¼ oz. 30c.

WALLFLOWER

Well-known deliciously fragrant half-hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

Early Goliath. Dark brown, extra large flowers; splendid for forcing.....Pkt. 10c.

"Golden Glory." The color can best be described as a rich old gold.....Pkt. 20c.

Single Finest Mixed.....Pkt. 5c.; ¼ oz. 15c.

Double Mixed.....Pkt. 10c.

Early Parisian. An annual sort with golden yellow single flowers; 1½ ft.....Pkt. 10c.; ¼ oz. 25c.

ZINNIAS (Youth and Old Age)

Most desirable and decorative annuals for beds and mixed borders.

Mammoth Flowering. This is without doubt the finest strain in existence. The flowers are extremely double and of mammoth size, often 6 inches in diameter; height, 2½ feet.

White, Flesh Color, Buff Yellow, Sulphur Yellow, Scarlet, Purple, and Crimson Shades.

Each, pkt. 15c.; ¼ oz. 45c.; oz. \$1.50.

Collection. Pkt. each of the above six colors, 75c.

Mammoth Mixed....Pkt. 10c.; ¼ oz. 35c.; oz. \$1.25.

Large-Flowering Double. White, Scarlet, Sulphur Yellow, Crimson, Orange, Maroon, Old Rose, Flesh Color, Lilac.....Each, pkt. 10c.; ¼ oz. 25c.

Large-Flowering Double Mixed...Pkt. 5c.; ¼ oz. 20c.

Collection. 10 colors.....75c.

Dwarf Double. Finest Mixed.....Pkt. 5c.; oz. 50c.

Curled and Crested. Very fine varieties.....Pkt. 10c.

Red Riding-Hood. This variety forms a bush one foot in height, covered with miniature, very double flowers of intense scarlet.....Pkt. 10c.; ¼ oz. 30c.

SHORT CROPS

Have made flower seeds scarce. Order at once to be sure of the best



Summer-Flowering Bulbs



BEGONIAS (Tuberous Rooted)
(Superb Large-Flowering)

Splendid pot plants for the house or greenhouse, and especially valuable for bedding, flowering in the greatest profusion throughout the summer.

Single—Crimson, Scarlet, Pink, White, Yellow, Salmon.

Price: Each color, \$1.50 doz.; \$8.00 per 100.

Double—Crimson, Scarlet, Pink, White, Yellow.

Price: Each color, \$2.00 doz.; \$10.00 per 100.

FRILLED TUBEROUS BEGONIAS

This strain, by careful selection, has been wonderfully improved, until it is now the finest of the tuberous-rooted section. The flowers are of large size, with beautifully frilled and wavy petals, not unlike the finest single Petunias.

Mixed Colors, 25c. each; \$2.50 per doz.; \$15.00 per 100.

GLADIOLUS PRIMULINUS HYBRIDS

These hybrids range in color from pale sulphur yellow to the deepest chrome yellow and all the charming shades of orange.....50c. per doz.; \$3.50 per 100.

GLADIOLUS IN SEPARATE SHADES

	Doz.	100	1000
Scarlet and Crimson shades mixed	\$0.35	\$2.25	\$20.00
White and Light " "	.45	3.00	25.00
Yellow and Orange " "	.65	5.00	45.00
Striped and Variegated " "	.45	3.00	25.00
Pink and Rose " "	.35	2.50	22.50

Extra Fine Mixed. Including all colors in great variety.
30c. per doz.; \$2.00 per 100; \$17.50 per 1000.

GLADIOLUS

America. Conceded to be one of the finest varieties for cutting or bedding; color, a beautiful, soft flesh-pink tinged with lavender50c. per doz.; \$3.50 per 100.

Augusta. Lovely pure white, with blue anthers.

50c. per doz.; \$3.50 per 100.

Baron Hulot. Rich, royal violet-blue, the only real blue Gladiolus on the market. 60c. per doz.; \$4.00 per 100.

Brenchleyensis. The best and most effective scarlet for massing (mammoth bulbs). 35c. per doz.; \$2.50 per 100.

Chicago White. White, with carmine markings.

65c. per doz.; \$4.50 per 100.

Europe. A beautiful white with a faint tinge of lilac in the throat.....\$2.50 per doz.; \$17.50 per 100.

"Glory." Delicate cream pink with a neat attractive crimson stripe in the center of each lower petal.

\$1.00 per doz.; \$7.00 per 100.

Halley. Delicate salmon-rose, with a creamy yellow blotch on lower petals, fine spike.

50c. per doz.; \$3.25 per 100.

Hollandia. Rosy yellow; a sport of Brenchleyensis.

75c. per doz.; \$6.00 per 100.

Klondyke. Color clear yellow, with a vivid crimson-maroon blotch in the throat. .60c. per doz.; \$4.00 per 100.

Mrs. Francis King. Light vermilion red, flowers large on spikes growing from 3 to 4 feet.

50c. per doz.; \$3.50 per 100.

Mrs. Frank Pendleton. One of the finest varieties yet introduced. In color a lovely salmon pink, with deep red blotches in the throat...\$1.50 per doz.; \$10.00 per 100.

Niagara. A beautiful creamy yellow with rosy carmine in the throat.....\$1.00 per doz.; \$7.50 per 100.

Panama. Bright pink; the improved "America."

\$1.00 per doz.; \$7.50 per 100.

"Peace." This is one of the best whites ever offered.

90c. per doz.; \$6.00 per 100.

Pink Perfection. Bright pink, very large flower.

\$1.00 per doz.; \$7.50 per 100.

Princes. An especially fine variety, with immense, wide-open, amaryllis-like flowers of a rich dazzling scarlet.

\$1.00 per doz.; \$7.00 per 100.

Schwaben. A clear canary yellow with brown blotch.

\$1.50 per doz.; \$10.00 per 100.

Sulphur King. Conceded to be the finest yellow yet introduced.....\$2.75 per doz.; \$20.00 per 100.

GROFF'S SILVER TROPHY AND MIXED HYBRID GLADIOLUS

In three distinct shades of color, each separate. The varieties are among the finest of the Gladioli family, producing immense spikes of gigantic flowers.

Section No. 1. This embraces all the shades of scarlet, red and crimson.....50c. per doz.; \$3.50 per 100.

Section No. 2. The cream of all the yellow, pink, white and light shaded colors.65c. per doz.; \$4.50 per 100.

Section No. 3. Lilac, heliotrope, violet and all the shades of light and dark blue compose this section.

\$1.00 per doz.; \$7.50 per 100.

Groff's Mixed Hybrids. Extra fine.

30c. per doz.; \$2.25 per 100; \$20.00 per 1000.

Summer-Flowering Bulbs—Continued

CALADIUM ESCULENTUM

Mammoth Bulbs...25c. each; \$2.50 doz.; \$15.00 100.
Large Bulbs.....15c. each; \$1.50 doz.; \$10.00 100.

FANCY-LEAVED CALADIUMS

Choice Varieties.....Per doz. \$2.50.

CALLA LILIES

Golden Yellow (Elliottiana). Rich golden-yellow flowers; foliage dark green with white spots.
30c. each; \$3.50 per doz.

Spotted Leaf (Richardia Alba Maculata). The flowers are white, with a black center; leaves deep green, with white spots.....15c. each; \$1.50 per doz.

GLOXINIAS

Our collection embraces all the popular varieties, ranging in color from the purest white through all the shades of crimson and purple, spotted and mottled. Separate colors.
\$2.00 per doz.; \$12.00 per 100.

HYACINTHUS CANDICANS

A snow-white summer-flowering Hyacinth, growing 3 to 5 feet in height, surmounted with from 20 to 30 pure white, bell-shaped flowers.

5c. each; 50c. per doz.; \$3.50 per 100.

ISMENE CALATHINA

Robust-growing bulbous plants, producing handsome clusters of large, fragrant white flowers on tall, stiff stems. They are admirably adapted for pot culture, flowering during the late winter months, or the bulbs can be kept warm and dry, and planted out in the garden in the middle of May; they will then commence flowering in July.

15c. each; \$1.50 per doz.; \$10.00 per 100.

MONTBRETIAS

Hardy summer-flowering, bulbous plants, with brightly colored flowers, borne on long, graceful spikes. Valuable for cutting. They should be planted in groups and left undisturbed.

Crocasmiaeflora. Deep golden-orange.

Etoile de Feu. Bright vermilion, yellow center.

Grebe d'Or. Splendid golden-yellow.

Pottsii Grandiflora. Golden-orange, outside bright red.

Rayon d'Or. Yellow and brown.

Transcendent. Orange and vermilion.

Price: Any of the above, 30c. per doz.; \$2.50 per 100.

TUBEROSES

Excelsior Double Pearl. Large flowering bulbs; spike, 2½ to 3 feet high, with large and very double flowers.

40c. per doz.; \$2.50 per 100.

HARDY LILIES

Auratum (The Golden-rayed Lily of Japan). The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Fully expanded, the flowers measure nearly a foot across; are produced abundantly from June to October, and possess a most delicious fragrance. 3 to 5 feet.

	Each	Doz.	100
Mammoth Bulbs.....	\$0.20	\$2.25	\$15.00
Monster Bulbs.....	.35	3.50	25.00

Speciosum (Lancifolium). Undoubtedly the most popular of all the hardy varieties. The sturdy habit and free-blooming qualities have increased the demand yearly. They are frequently planted among Rhododendrons, as well as in borders and beds.

Speciosum Album. Large white flowers; a grand variety.

Mammoth Bulbs.....	\$0.30	\$2.50	\$20.00
Monster Bulbs.....	.35	3.50	27.50

Speciosum Rubrum. White ground, spotted rose on each petal; very handsome.

Mammoth Bulbs.....	\$0.25	\$2.50	\$17.50
Monster Bulbs.....	.40	3.75	30.00

Speciosum Magnificum. White, heavily spotted and shaded with rich crimson.

Mammoth Bulbs.....	\$0.25	\$2.50	\$17.50
Monster Bulbs.....	.40	3.75	30.00

Speciosum Melpomene. White suffused with darkest crimson.

Mammoth Bulbs.....	\$0.25	\$2.50	\$17.50
Monster Bulbs.....	.40	3.75	30.00

Canadense. (Canadian Bell-flower Lily.) One of our most beautiful native lilies, flowers bright yellow, with black spots.....15 1.25 9.00

Elegans Atrosanguineum. Rich deep crimson with dark spots.....25 2.50 15.00

Elegans Aurantiacum. Deep yellow, spotted with black.....20 1.75 12.00

Hansoni. Grows from 3 to 4 feet. Flowers reddish orange, eight to twelve in a cluster.....50 5.00 40.00

Henryi. (The Yellow Speciosum.) A new and very beautiful hardy lily from Northern China. The plants are of vigorous growth, frequently attaining a height of 6 feet, each stem carrying from five to eight flowers of a rich apricot yellow; spotted with brown.....75 7.50

Superbum. (Turk's Cap Lily.) Rich orange, petals tipped red and dark spotted, 3 to 4 feet; blooms in July and August.....15 1.50 10.00

Tenuifolium. (Coral Lily.) A very graceful miniature Lily with fiery scarlet flowers, 1½ feet, July.....15 1.50 10.00

Wallacei. Orange-scarlet, spotted with maroon, 3 feet, September...15 1.25 9.00

Tigrinum Splendens. (Improved Tiger Lily.) The grandest of the Tigers; black polished stem. Very large pyramids of flowers, orange-red, spotted with black, 3 to 5 feet.....10 1.00 7.00

Tigrinum Flora Plena. (Double Tiger Lily.) This is a plant of stately habit, growing from 4 to 6 feet high, bearing an immense number of double bright orange-red flowers spotted with black.....15 1.25 8.00

Umbellatum. A lily that resembles Elegans variety. Flowers are borne in larger clusters and range in all shades from orange to deep scarlet. June, 2 ft.....15 1.50 10.00

BULL'S

THE FOOD FOR PLANTS

See Page 67



DECORATIVE DAHLIA

DECORATIVE DAHLIAS

- Catherine Duer. Iridescent-red; a favorite for cutting.
 Clifford W. Bruton. Very large, clear canary-yellow.
 Cuban Giant. Dark, glowing crimson, immense flower.
 30c. each; \$3.00 per doz.
 Delice. The finest pink Decorative Dahlia... 35c. each.
 Fire Rain. A rich cardinal-red; a fine cut flower.
 Grand Duke Alexis. Pure white, fringed delicate pink.
 Golden Wedding. One of the largest of all dahlias. Color,
 deep golden yellow.
 Jeannie Charmet. Deep rose, or cerise-pink; splendid
 cut flower... 50c. each; \$5.00 per doz.
 Jack Rose. A rich shade of crimson, excellent cut flower.
 Minnie Burgle. In color it is a rich luminous dark scarlet.
 Immense flower... 50c. each; \$5.00 per doz.
 Miss Minnie McCullough. A superb variety; soft
 yellow, overlaid with bronze.
 Mrs. Roosevelt. A beautiful light pink.
 50c. each; \$5.00 per doz.
 Mrs. J. Gardner Cassatt. New rose pink.
 Nymphæa. Clear, light shrimp-pink; beautiful.
 Perle de Lyon. Splendid pure white.
 Wm. Agnew. Intense glistening scarlet-crimson; im-
 mense flower.
 Yellow le Colosse. A very large, bright yellow.
 50c. each.

Price: Any of the above Decorative Dahlias except
 where noted, 25c. each; \$2.50 per doz.

PEONY-FLOWERED DAHLIAS

- America. Shrimp pink, very free flowering... 50c. each.
 Geisha. Enormous flower of rich scarlet and gold.
 50c. each.
 Peace. Best pure white to date... \$1.00 each.
 John Wanamaker. Color, rose lake or orchid pink.
 Large flower... 50c. each.

CACTUS DAHLIAS

- Aegir. Bright vermilion crimson. Unique distinct form.
 Bridal Robe. White. Large full flower... 50c. each.
 Brunhilde. Color, deep rich plum; large size and pro-
 fuse bloomer.
 Coronation. The best bright-red Cactus Dahlia for
 garden purposes.
 Countess of Lonsdale. A pleasing blending of amber
 and salmon-pink... 35c. each.
 Country Girl. Golden-yellow, suffused with salmon-
 rose.
 Comedy. Yellow striped and pencilled red.
 Crystal. Clear soft pink. Enormous size... 75c. each.
 Dahliamum. Color is a rich, creamy white shading
 to primrose at the base of the petals... 50c. each.
 Electric. Clear canary yellow. Large flower... 50c. each.
 Empress. Purplish crimson. Fine for exhibition.
 50c. each.
 Erecta. Deep rose pink... 50c. each.
 Etendard De Lyon. A rich carmine rose or Royal purple.
 Large flower... \$1.00 each.
 Floradora. The best dark crimson for cutting.
 Gabriel. Bright salmon, tipped white.
 General Buller. Rich, velvety maroon, tipped white.
 Kalif. In color pure scarlet Immense flower... \$1.00 each.
 Kriemhilde. Delicate pink, shading to a deep rose pink.
 Magpie. The flowers vary from soft pink to darkest
 maroon... 50c. each.
 Standard Bearer. Bright scarlet, profuse bloomer.
 Victor Von Scheffel. Delicate pink, shading to deep
 rose-pink.
 Volker. Clear canary-yellow, profuse bloomer.

Price: Any of the above Cactus Dahlias, except where
 noted, 25c. each; \$2.50 per doz.; \$18.00 per 100.

CENTURY SINGLE DAHLIAS

- Crimson Century. Deep, glowing crimson, shaded ma-
 roon; tipped rose, with rose disc.
 Gorgeous Century. Brilliant, dazzling scarlet, with an
 occasional white striped or a pure white petal.
 Pink Century. Delicate soft pink.
 White Century. Immense pure white flowers.
 Wildfire Century. Rich scarlet.
 Twentieth Century. Color, intense rosy-crimson, with
 white tips and white disc around the yellow center.
 Yellow Century. Bright canary-yellow.
 Price: 25c. each; \$2.50 per doz.

SINGLE DAHLIAS

Alba Superba. Large pure snow-white.
Ami Barrilet. Rich pure garnet, dark foliage.
Praxitelle. Deep maroon, tipped white. 50c. each.
St. George. Very large, pure canary-yellow.
Twilight. Soft lavender, shaded rose.
Wildfire. Brilliant scarlet of large size.
Price: Any of the above, except where noted, 25c. each; \$2.50 per doz.

FANCY DAHLIAS

Eloise. Rich, velvety maroon, tipped white.
Frank Goodman. Rich purple, tipped white.
Frank Smith. Rich maroon, tipped pinkish white.
Gold Medal. Bright canary-yellow, regularly marked with fine stripes and splashings of deep red.
Goldsmith. Yellow, striped and edged bright glowing crimson.
Keystone. Pink, striped crimson; large and fine.
Marie Gehring. Canary-yellow, penciled red.
Miss Browning. Purest buttercup yellow, tipped snow white; sometimes the blooms are solid yellow.
Olympia. Color, deep rose-pink, striped and penciled crimson; flowers of immense size.
Progress. Soft rosy lake, penciled crimson.
Price: Any of the above Fancy Dahlias, 25c. each; \$2.50 per doz.

SHOW DAHLIAS

A. D. Livoni. Beautiful soft pink, with quilled petal.
Arabella. Soft primrose, tipped and shaded rose.
Beauty. Snow white, perfect form; fine.
Black Diamond. Flowers of immense size; color rich, velvety maroon, shaded jet black.
Bonton. Fine deep rich crimson.
Dorothy Peacock. Bright sea-shell pink.
Dreer's White. Large pure white. 50c. each.
John Thorpe. Very large; soft rich pink; fine form.
Prince Bismarck. Rich plum; large and fine.
Princess Victoria. Finest pure yellow Show Dahlia.
Storm King. Very finest of white Show Dahlias.
White Swan. Large pure white.
Price: Any of the above Show Dahlias, except where noted, 25c. each; \$2.50 per doz.

The Dahlia family comprises so many varieties that I do not list all of them, but am in a position to supply any variety that you may wish to order.

POMPON CHRYSANTHEMUMS

These universal and popular varieties are becoming better known and more cultivated each year and should find a place in every garden.

As a class the Pompon Varieties are hardy, but we have selected the following list for either outdoor planting or for pot plants.

POMPONS—OF RECENT INTRODUCTION

November Pearl. Is a seedling from Western Beauty. Color a beautiful soft shade of daybreak pink.
Becky McLane. Bronze, of the button type; very free-flowering.
Price of the above, 25c. each; \$2.50 per doz.

GENERAL COLLECTION OF POMPONS

Acto. Very deep pink; large flowers. Midseason.
Baby. Clear, bright yellow; very small, button-shaped flowers.
Baby Margaret. A white sport of Baby, with flowers a trifle larger and coming a little earlier.
Delphine Dodge. A very fine free-flowering variety. It is rose pink in color, coming into flower about October 25th.
Diana. A very fine, pure white variety of large size. Late.
Donald. Light pink of the button type and an excellent plant maker.
Doris. A button type Pompon, reddish bronze in color.
Fairy Queen. Clear pink in color, with nicely formed flowers of medium size. A very fine midseason variety.
Golden Climax. On the order of Quinola, but with foliage that is hard and which will not be subject to mildew.
Golden Harvest. A medium-sized variety of the button type. Deep golden yellow with a tinge of bronze.
Golden West. A trifle larger than Baby, but of similar formation. Rather compact in growth, but an excellent variety for pot plants.
Harvest Moon. It is a clear golden yellow in color, maturing October 20th to 25th. It is of the button type and flowers of medium size.

Helen Newberry. Medium-sized flowers of pure white.
Hilda Canning. Is a seedling from Baby. It is bronze in color and very attractive.
Julia Lagravere. Deep red in color and very late.
Lillian Doty. Beautifully formed shell-pink flowers. Early.
Little Pet. Lavender pink in color; large flowered. Late.
Lula. White in color; medium-sized flowers. Late.
Mary. Pearl white in color, coming to maturity about October 25th.
Nesco. Old rose in color, maturing about October 20th. In form it is of the button type, but larger than Baby.
Overbrook. Very free flowering; golden yellow. Button type.
Peace. The color is white, showing, however, a tinge of pink in the bud stage. It matures about November 10th.
Queen of Whites. Very similar to Lula, but a little earlier.

Quinola. Large flowers, golden yellow in color. Late.
Rita. Bright pink in color; button type.
Romaine Warren. Orange-yellow or light brown.
Rufus. Small flower, button type; reddish bronze in color.
Skibo. A golden yellow Pompon of the button type.
White Lillian Doty. A pure white sport of the well-known variety, Lillian Doty.
Western Beauty. Deep rose pink in color; flower medium-sized.

Price: Any of the above, 15c. each; \$1.50 per doz.; \$10.00 per 100.

NEW SINGLE CHRYSANTHEMUM

Elizabeth Firestone. One of the most prolific, as a cut flower. Color brilliant shade of rose pink underlaid with silvery sheen. 25c. each; \$2.00 per doz.



GREENHOUSE ROSES

Orders booked for strong, clean and perfectly healthy plants for delivery in April, May, June and July.



RED RADIANCE

NOVELTIES

Premier. A seedling of Ophelia and Russell. The flowers are of Russell type and hold a clear pure shade of rose pink throughout the year. It is a free, easy grower. The stems are stiff and almost thornless. The foliage is ample. A valuable addition to the list of good roses. Grafted only. 3 in.: \$9.00 per doz.; \$60.00 per 100. 4 in.: \$10.00 per doz.; \$75.00 per 100.

Columbia. A strong heavy, clean foliated variety that produces freely large flowers, well formed on strong stems. A lively color, unlike any other pink rose. Deepens and brightens as it matures.

Evelyn. Among the many sports of Ophelia which have made their appearance, this double sport appears to be one that is worthy of general culture. It is equal to Ophelia in growth and foliage. Color, salmon at the base, but is a brighter shade of pink, deeper at the center.

Mrs. Henry Winnett. A seedling from Mrs. Geo. Shawyer and Mrs. Chas. Russell. Color bright crimson, flower excellent.

Price of any of the above, Grafted, 3 in.: \$6.00 per doz.; \$40.00 per 100. 4 in.: \$7.50 per doz.; \$50.00 per 100.

Own-Root, 3 in.: per doz., \$4.00; \$30.00 per 100. 4 in.: \$5.00 per doz.; \$40.00 per 100.



General List of Greenhouse Varieties



GRAFTED STOCK (Selected Plants)

	2¼-in. Pots.		3-in. Pots.	
	Doz.	Per 100	Doz.	Per 100
Double White Killarney	\$3.50	\$25.00	\$5.00	\$35.00
Francis Scott Key. Deep pink ..	3.50	25.00	5.00	35.00
Hadley. Velvety crimson	3.50	25.00	5.00	35.00
Hoosier Beauty. Rich velvety crimson.....	3.50	25.00	5.00	35.00
Jonkheer J. L. Mock. Deep cerise pink.....	3.50	25.00	5.00	35.00
Kaiserin Augusta Victoria. White	3.50	25.00	5.00	35.00
Killarney. Pink.....	3.50	25.00	5.00	35.00
Lady Hillington. Coppery yellow	3.50	25.00	5.00	35.00
Mme. Paul Euler (Prima Donna). Rose pink.....	3.50	25.00	5.00	35.00
Mrs. Aaron Ward. Yellow.....	3.50	25.00	5.00	35.00
Mrs. Chas. Russell. Pink American Beauty.....	4.00	30.00	5.00	40.00
Mrs. Geo. Shawyer. Pink.....	3.50	25.00	5.00	35.00
My Maryland. Pink.....	3.50	25.00	5.00	35.00
Ophelia. Salmon pink.....	3.50	25.00	5.00	35.00
Radiance. Cerise pink.....	3.50	25.00	5.00	35.00
Red Radiance.....	3.50	25.00	5.00	35.00
Richmond. Scarlet crimson.....	3.50	25.00	5.00	35.00
White Killarney.....	3.50	25.00	5.00	35.00

OWN-ROOT ROSES

	2¼-in. Pots		3-in. Pots.	
	Doz.	Per 100	Doz.	Per 100
American Beauty.....	\$2.50	\$15.00	\$3.50	\$25.00
Double White Killarney.....	2.50	15.00	3.50	25.00
Francis Scott Key.....	2.50	15.00	3.50	25.00
Hadley.....	2.50	15.00	3.50	25.00
Hoosier Beauty.....	2.50	15.00	3.50	25.00
Jonkheer J. L. Mock.....	2.50	15.00	3.50	25.00
Kaiserin Augusta Victoria.....	2.50	15.00	3.50	25.00
Killarney.....	2.50	15.00	3.50	25.00
Lady Hillington.....	2.50	15.00	3.50	25.00
Mme. Colette Martinet. Yellow	2.50	15.00	3.50	25.00
Mme. Paul Euler.....	2.50	15.00	3.50	25.00
Mrs. Aaron Ward.....	2.50	15.00	3.50	25.00
Mrs. Geo. Shawyer.....	2.50	15.00	3.50	25.00
Ophelia.....	2.50	15.00	3.50	25.00
Radiance.....	2.50	15.00	3.50	25.00
Red Radiance.....	2.50	15.00	3.50	25.00
Richmond.....	2.50	15.00	3.50	25.00
Sunburst. Yellow.....	2.50	15.00	3.50	25.00
White Killarney.....	2.50	15.00	3.50	25.00

Special Notice. On account of unusual prevailing conditions, all prices in this catalogue are subject to change without notice.

Order Roses Early, stating date you wish them sent, so as to insure delivery on time.

Our Roses Give the Best Results



HARDY EVERBLOOMING GARDEN ROSES

HYBRID TEAS

Antoine Rivoire. An ideal Rose of large size and exquisite form; the color is a soft, rosy flesh on a yellow ground, shaded with a border of carmine.

Caroline Testout. Satiny rose, with brighter center; large, full, fragrant and very free.

Earl of Warwick. Rich, soft, salmony pink, shaded in the center with vermilion. A showy and magnificent variety, doing well under adverse climatic conditions.

General MacArthur. Large, bright crimson flowers; very fragrant. One of our best red bedding Roses.

Hadley. In color it is deep, velvety crimson, retaining its brilliancy at all seasons of the year it has proven itself an excellent bedding variety.

Harry Kirk. Deep sulphur yellow-medium, sized blooms.

Jonkheer J. L. Mock. Carmine, changing to imperial pink, with a silvery rose-white reflex. The flowers are produced with the greatest freedom on strong, erect stems and the general growth is erect and vigorous. Very fragrant.

Killarney. It is perfectly hardy; a strong grower. In color a brilliant pink.

Killarney Brilliant. In addition to being an unusual forcing Rose, this new variety, like all of the Killarneys, is sure to be a valuable acquisition as a garden Rose.

Lady Alice Stanley. Deep, clear rose color; inside of the bloom pale flesh. A very attractive Rose.

Madam Edouard Herriot (Daily Mail). Is a gorgeous combination of reddish terra-cotta and bronze, with flame shadings.

Mme. Ravary. Very distinct in color, which is deep yellow, shading lighter as the flower opens.

Mrs. Aaron Ward. Indian yellow. This variety is quite hardy, very free flowering, and one that we have no hesitation in recommending as a garden Rose of the greatest merit.

My Maryland. It is very double, perfect in form, and bright, clear pink in color.

Ophelia. Salmon flesh, shaded with rose.

Radiance. Deep cerise pink in color; cup-shaped in form; exceptionally strong growth and quite hardy. One of our best pink bedding Roses.

Richmond. A well known brilliant crimson, beautiful when in bud and always in bloom.

Sunburst. In color, orange copper or golden yellow. Very intense shades and brilliant in coloring. It is a strong-growing variety and belongs to the class of big Roses.

White Killarney. A pure white sport of Killarney, showing a slight trace of pink during the hot midsummer days. Strong in growth, free flowering, and very fragrant.

Selected 2-year-old plants, 75c. each; \$7.50 per doz.

HYBRID PERPETUALS

Anna de Diesbash. Clear, bright carmine-pink, very large, full and finely shaped; fragrant and a free bloomer.

Baron de Bonstetten. Velvety blackish crimson; very large, double, fragrant flowers; a strong grower.

Baroness Rothschild. Beautiful light pink, large and fine form.

Captain Hayward. Bright crimson-carmine; an entirely distinct shade of color, of perfect form and very sweet.

Fisher Holmes. Shaded crimson-scarlet, large, full, and perfect form, very beautiful and free blooming.

Frau Karl Druschki. This is the ideal hardy white Rose, pure in color, perfect in form; strong grower and remarkably free-flowering.

General Jacqueminot. Brilliant scarlet-crimson; an old favorite and one of the best known Roses in cultivation.

Gloire Lyonnaise. White, tinted with yellow; large, full and of good shape, very distinct and pleasing.

Hugh Dickson. Brilliant crimson, shaded scarlet, large, very fragrant and very free-flowering.

Louis Van Houtte. Deep crimson shaded maroon; most vivid and distinct, large, full, and fine form.

Madame Gabriel Luizet. Light silvery pink, shading off paler to edges of petals, very free bloomer.

Magna Charta. Bright rose, very large and double, of good form and fragrant.

Mrs. R. G. Sharman Crawford. Deep rosy-pink, outer petals shaded with pale flesh.

Mrs. John Laing. Soft pink, of beautiful form; exceedingly fragrant and remarkably free-flowering.

Paul Neyron. Deep rose, flowers of immense size, free bloomer.

Prince Camille de Rohan. Deep velvety crimson-maroon, full and good form, best of all the very dark roses.

Rodocanachi. A beautiful transparent rose color, shaded pink; large, full and fragrant.

Ulrich Brunner. Bright cherry-red, flowers large and full; a good strong grower.

Selected 2-year-old plants, 60c. each; \$6.00 per doz.

HARDY CLIMBING ROSES

Crimson Rambler. Pure crimson, vigorous grower.

Dorothy Perkins. Shell-pink; flowers in clusters.

Lady Gay. The flowers are of a delicate cherry-pink color, which fades to a soft white.

Yellow Rambler. Small semi-double yellow flowers.

Hiawatha. Brilliant ruby-carmine.

Newport Fairy. Deep pink; single flowers.

Selected 2-year-old plants, 60c. each; \$6.00 per doz.

RHODODENDRONS

Imported Hardy Hybrids. A superb assortment of the choicest varieties, with fine range of color; imported direct from Anthony Waterer, Knap Hill Nurseries, England.

	Each	Doz.
Plants about 1½ to 2 feet high	\$1.75	\$18.00
Plants about 2 to 2½ feet high	2.50	25.00
Specimen plants each, \$3.50 and upwards.		

THE PRACTICAL BOOK OF OUTDOOR ROSE GROWING

BY GEORGE C. THOMAS, JR.

Elaborately illustrated with 96 perfect reproductions in full color of all varieties of roses and a few half-tone plates. Octavo. Handsome cloth binding. \$4.00 net, f. o. b. Philadelphia.

Carnations, New and Standard Varieties



STANDARD VARIETIES

PINKS		Doz.	Per 100
Alice.	Flesh pink	\$1.00	\$7.50
Enchantress Supreme.	Light pink	1.00	7.50
Enchantress.	Light pink	1.00	7.50
Mrs. C. W. Ward.	Deep pink	1.00	7.50
Mrs. Theo.	Bright pink	1.00	7.50
Nancy.	Light salmon pink	1.00	7.50

REDS			
Beacon.	One of the best scarlets	1.00	7.50
Eureka.	Scarlet	1.00	7.50
Nebraska.	Bright scarlet	1.00	7.50
Red Wing.	Clear scarlet	1.00	7.50

VARIEGATED			
Benora.	Clear white, penciled with bright red	1.00	7.50

WHITES			
White Enchantress.	Pure white	1.00	7.50
White Perfection.	Pure white	1.00	7.50
White Wonder.	Large pure white	1.00	7.50
Matchless.	An excellent white	1.00	7.50

Any of the above Standard Varieties from 2¼-in. pots, \$1.50 per doz.; \$9.00 per 100.

NOVELTIES

Crystal White. A new introduction of the Cottage Garden Company, having the same vigorous constitution as Matchless, with large, full flowers of the purest glistening white, early and very productive; can be brought into full crop by November 1st. Has been awarded the A. C. S. Gold Medal.

Laddie. Color, a warm rose salmon pink. Flowers of largest size. The keeping qualities are beyond question far ahead of any carnation yet produced. The growth is good and clean, makes large plants which quickly throw strong, stiff flowering shoots. The calyx is all that can be desired. An early and prolific producer. Undoubtedly the coming fancy carnation to grow.

Rooted cuttings, \$1.75 per doz.; \$12.00 per 100.
From 2¼-inch pots, \$2.00 per doz.; \$15.00 per 100.

NEWER INTRODUCTIONS

Arawana. A clear, bright crimson, very productive. It is not an exhibition variety, but produces blooms of a good quality that keep well.

Cottage Maid. A sport of Mrs. C. W. Ward, with the same habit of growth. A fine keeper and good shipper. In color it is light pink verging on the flesh. It never fades.

Price of any of the 1917 introductions:
Rooted cuttings, \$1.00 per doz.; \$7.50 per 100.
From 2¼-inch pots: \$1.50 per doz.; \$9.00 per 100.



CARNATION, ALICE



Chrysanthemums



EXHIBITION AND STANDARD VARIETIES

Miss Elvia Scoville. White sport of Well's Late Pink.

Morris Kinney. Pure white.

Mrs. Gilbert Drabble. Extra-fine white.

Mrs. J. Gibson. Light pink.

Mrs. J. E. Dunn. Salmon terra-cotta.

Mrs. J. Purroy Mitchel. Purest snow white.

Well's Late Pink. Bright pink.

Wm. Rigby. Yellow sport of Mrs. Gilbert Drabble.

William Turner. Large pure white.

Yellow William Turner. Large light yellow.

Louisa Pockett. Color pure white. Mr. Pockett calls this his "greatest achievement." Take bud late August or early September.

Nag-ir-roc. Finest exhibition bronze, 45 inches in circumference. Any bud after August 15th.

October King. Deep golden yellow. No yellow can touch it for the early shows. Any bud after August 1st.

President John Everitt. Color, very unique chamois buff; of enormous size. Bud August 15th onward.

William H. Waite. Color, deep warm bronze, so brilliant as to seem almost shading to scarlet. Bud August 25th for best results.

Price of any of the above, except where noted, from 2¼-in. pots, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

The Chrysanthemum family comprises so many varieties that I do not list all of them, but am in a position to supply any variety that you may wish to order.

NOVELTIES

Mrs. H. S. Firestone. The outstanding novelty of the year. It is wonderfully massive, stem perfectly rigid, and foliage right up to the flower. Color pinkish, chamois-buff. This variety will be found invaluable in the classes calling for "Any other color" in the exhibitions. First bud after August 15th.

Joan of Arc. Named by President Wilson at the Cleveland show. Very much like the old President Carnot in type. Stem is absolutely stiff and easily able to carry the flower erect; foliage continues right up to the flower. Blooms are enormous in size, and another year it will occupy a prominent place in the list of reflexed white "Mums." Crown bud August 15th and later.

Mrs. W. Dennis. A very distinct pink variety, petals of which twist back as the flower ages; stem, foliage, and flower are all A1. This variety is considered par excellence as an exhibition pink color, much deeper than Mrs. J. Gibson, and more evenly distributed over the petals. In size it is the largest pink to date. Buds August 20th onward give the best result.

Mrs. J. Willis Buhl. Crimson of the largest size, and a welcome addition to this color, which is very much like Pockett's Crimson, but the plant is considerably taller in growth, running five to six feet. Buds about August 25th give best results.

Mrs. Frank H. Traendly. Somewhat resembles Joan Stratton, changing to a deeper, more even shade of pink, and has a very much larger flower. Foliage is somewhat sparse, but this is amply made up by the magnificent flower. Bud August 20th to 30th.

Reflexed Louisa Pockett. Duplicate of Louisa Pockett in every way except that the petals reflex instead of in-curve, but in all other respects it is identical, having large foliage, strong stem, and enormous flower. Buds taken late August or early September give best results.

Price of any of the above: \$1.00 per plant; \$10.00 per doz.

STANDARD VARIETIES

Adele Griswold. Bright pink.

Beatrice May. Pure white.

Bob Pulling. Clear yellow.

Chrysolora. Large yellow.

Col. Appleton. Deep yellow.

Dr. Enguehard. Good late pink.

Earl Kitchener. Amaranth, with a silvery reverse.

Glenview. Deep bronze.

Lynnwood Hall. Pure white.

Major Bonaffon. Fine yellow.

Mary Donellan. Large yellow.

Mary Mason. Rosy bronze.

Price of any of the above, from 2¼-inch pots: 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Hardy Climbing Plants and Flowering Vines

Embracing the most beautiful sorts of Vines and Creepers, suitable for training or climbing on Verandas, Trellises, Walls, Fences, Etc.

Actinidia Arguta. Oval, glossy leaves and clusters of white flowers, with purple centers; strong plants. 60c. each; \$6.00 doz.

Akebia Quinata. Clover-like leaves and fragrant, velvety, purple flowers. 35c. each; \$3.50 doz.

Ampelopsis Quinquefolia (Virginia Creeper). Rapid climber. 35c. each; \$3.50 doz.

Ampelopsis Tricolor, or *Vitis heterophylla* (Variegated Grape). Pretty vine with pink, white, and green marbled foliage. 25c. each; \$2.50 doz.

Ampelopsis Veitchii (Japanese Ivy). Very fine for covering walls, rocks, etc. 35c. each; \$3.50 doz.

Aristolochia Sipho (Dutchman's Pipe). Heart-shaped leaves; the flowers resemble a pipe. . 75c. each; \$7.50 doz.

Bignonia Grandiflora (Trumpet Vine). Large, trumpet-shaped, orange and red flowers. 50c. each; \$5.00 doz.

Celastrus Scandens (Bitter Sweet, or Waxwork). Glossy leaves and clusters of orange-crimson fruit, which remain on all winter. 35c. each; \$3.50 doz.

Clematis Paniculata. A first-class decorative vine, with glossy, dark-green foliage, and covered in the latter part of the summer with a perfect cloud of star-like white flowers, which are so fragrant that the delicious odor can be detected at a long distance. 25c. each; \$2.50 doz.

Clematis Jackmani. Rich purple, 60c. each; \$6.00 doz.

Clematis Boskoop Seedling. Extra large lavender. 60c. each; \$6.00 doz.

Clematis Ville de Lyon. Bright carmine. 60c. each; \$6.00 doz.

Clematis Mme. Baron Veillard. Very large, soft pink flowers. 60c. each; \$6.00 doz.

Clematis Anderson Henryi. Creamy-white. 60c. each; \$6.00 doz.

Clematis Duchess of Edinburgh. Double, pure white. 60c. each; \$6.00 doz.

Euonymus Radicans Variegata. Foliage variegated deep green and white; useful plant for covering low stone walls or stumps. \$2.50 doz.; \$15.00 per 100.

Honeysuckle, Chinese Evergreen. Red and yellow fragrant flowers. 50c. each; \$5.00 doz.

Honeysuckle, Halliana. Fragrant yellow and cream-colored flowers. 50c. each; \$5.00 doz.

Honeysuckle, Variegated. Green and gold variegated foliage. 50c. each; \$5.00 doz.

Ivy, Hardy English. \$3.00 doz.; \$20.00 per 100.

Lathyrus Latifolius (Everlasting, or Perennial Pea). Rose-red and pure white. 25c. each; \$2.50 doz.

Wistaria Sinensis (Chinese Wistaria). Long, pendulous clusters of pale blue flowers. 60c. each.

Wistaria Sinensis Alba. White-flowered variety of the preceding. 60c. each.



Select Small Fruit



BLACKBERRIES

	Doz.	100
Wilson Junior. The largest and best	\$0.75	\$4.00
Erie (early) . . . . .	.75	4.00
Kittatinny (late) . . . . .	.75	4.00
Rathbun. A jet black variety of fine quality; very hardy and prolific. . . . .	.75	4.00

GOOSEBERRIES

	Doz.	100
Red Jacket. A wonderful cropper, with bright, clean, healthy foliage.	\$2.00	\$15.00
The Pearl. Large size, color pale green and of excellent quality, either as a dessert fruit or for cooking.	2.00	15.00

CURRENTS

	Doz.	100
Fay's Prolific. Color rich red, the leading variety for home use.	\$1.75	\$10.00
Cherry. Deep red.	1.75	10.00
White Grape. Best white variety.	1.75	10.00
Black Prolific. The favorite black-fruited sort for preserving.	1.75	10.00
Perfection. New red variety of high quality	2.00	12.00

FOREIGN GRAPE VINES

For growing under glass; best varieties.

Price.—Strong planting canes, \$3.50 each; \$40.00 per doz.

Strong fruiting canes, \$5.00 each; \$57.00 per doz.

HARDY GRAPE VINES

Agawam. Large dark red, sweet.
Brighton. Resembles Catawba.
Catawba. Red, sweet and rich, with pleasant musky flavor.
Concord. The most popular black grape.
Delaware. Light red, sweet, fine flavor.
Moore's Early. Large, black, good quality.
Niagara. Berries large, light greenish-white, slightly ambered.
Pocklington. Bunch and berry large, golden yellow.
Worden. Black, hardy, healthy, of fine quality.
Price.—Strong selected two-year-old vines, 30c. each; \$3.00 per doz.; \$18.00 per 100.

RASPBERRIES

	Doz.	100
Columbian. Large, dark red.	\$0.75	\$4.00
Cumberland. Black, of large size and extra fine quality. . . . .	.75	4.00
Ruby. An extra large red of fine flavor . . . . .	.75	4.00
Kansas. Large black. . . . .	.75	4.00
Marlboro'. Bright crimson. . . . .	.75	4.00
Souhegan or Tyler. Jet black, of medium size. . . . .	.75	4.00
Cuthbert. Large, deep rich crimson . . . . .	.75	4.00

STRAWBERRIES

All the standard sorts, in layer plants, \$1.50 per 100; \$10.00 per 1000.



Large-Flowering Cannas

Alphonse Bouvier. Finest tall, brilliant crimson; 6 to 7 feet.

Brilliant. Golden yellow, with two bright-red, curling, tongue-like petals in the center; 4 feet.

Duke of Marlborough. One of the finest of the very deep crimson; fine individual blooms in large trusses, free-flowering; 4 feet.

Egandale. A favorite bronze-leaved sort, with soft currant-red flowers; 4 feet.

Eureka. The best white.

Firebird. The best red-flowered, green-leaved Canna to date. 4 feet 35c. each; \$3.50 per doz.

Florence Vaughan. Yellow, spotted crimson; 4 feet.

J. D. Eisele. Bright vermilion-scarlet, overlaid with orange; a fine bedder; 3½ feet.

Jean Tissot. One of the brightest; color an intense, brilliant vermilion, with bright orange shadings; 5 feet.

King Humbert. A king among Cannas. Large scarlet flower, with deep bronze foliage; 4 feet.

Kubin. Ruby-carmine flowers with bronzy-green foliage; 3½ feet.

Mrs. Alfred F. Conard. Salmon-pink. Green foliage; 5 feet 25c. each; \$2.50 per doz.

Mrs. Geo. A. Strohlein. Very large amaranth-red flowers, massive bronze foliage; 5 feet.

Mme. Crozy. The popular golden-edged bright scarlet; 4 feet.

Pres. Meyer. Large flowers in immense trusses; color, rich cherry-carmine; bronzy foliage; 4 feet.

Richard Wallace. A free-flowering canary-yellow; 4½ feet.

Souvenir d'Antoine Crozy. Intense crimson-scarlet, with a broad golden-yellow border; 3½ feet.

Uhrlberg. The best pink and gold.
20c. each; \$2.00 per doz.

Price: Any of the above, except where noted, 15c. each; \$1.50 per doz.; \$10.00 per 100.

Double Herbaceous Paeonies

Agnes Marie Kelway. Rosy white guard petals, creamy white center. \$2.50 doz.

Achille. Beautiful soft mauve, changing to rose-tinted white. \$2.50 doz.

Andre Lauries. A fine tyrian rose; late. \$2.50 doz.

Baroness Rothschild. Violet rose, with lighter shading. \$2.50 doz.

Canary. Fine, large early white, with creamy center. \$2.50 doz.

Chrysanthemiflora Rosea. A fine large early deep rose-pink, with paler shadings. \$2.50 doz.

Charlemagne. Rose tinted white; flowers of very large size and good substance. \$2.50 doz.

Duchesse de Nemours. An extra fine large pure white. \$2.50 doz.

Eugene Verdier. Delicate flesh-color. \$5.00 doz.

François Ortegat. Brilliant crimson; full double flower. \$5.00 doz.

Festiva Maxima. Pure white, center petals tipped red. The most popular white for cut flowers. \$5.00 doz.

Grandiflora Rosea. Brilliant rosy carmine; large and double. \$2.50 doz.

Humei. Beautiful rose-pink. \$2.50 doz.

Lady Bramwell. A beautiful silvery-rose; of large size and fine form. \$2.50 doz.

Mme. de Verneville. Broad sulphur-white guard petals; center delicate rosy-white. \$5.00 doz.

Marie Lemoine. (Lemoine's.) Extra large, free-flowering; ivory white. \$6.00 doz.

Mme. Calot. White, tinted rose, changing to creamy white; fine. \$5.00 doz.

Mme. Crousse. Purest white; very large. \$5.00 doz.

Mons. Chas. Leveque. Beautiful pink. \$5.00 doz.

Zoe Calot. White, suffused with delicate roses.
\$2.50 doz.

Hardy Phlox

Albion. A strong, vigorous grower, producing very large panicles of pure white flowers, with a faint red eye.

Bacchante. Tyrian-rose, with crimson-carmine eye.

Baron van Dedem. Brilliant cochineal-red with salmon shading.

Bridesmaid. Pure white, with large crimson-carmine eye.

B. Comte. Brilliant rich purple; fine variety.

Champs Elysees. A bright rosy-magenta.

Danton. Scarlet, pure red eye.

Elizabeth Campbell. Salmon-pink and dark crimson eye.

Europa. Pure white with crimson-carmine eye.

General Von Heutsz. Brilliant salmon-red, white center.

Henry Murger. White with crimson-carmine center.

Jeanne d'Arc. A good late-flowering pure white.

La Vague. Pure mauve with aniline red eye.

Mme. Paul Dutrie. Delicate lilac-rose in shade like a soft pink orchid; flowers very large, borne in immense panicles.

Minerva. Beautiful violet rose with white suffusion and a bright carmine eye.

Mrs. Jenkins. The best white for massing; immense panicles, early and free bloomer.

Prof. Virchow. Bright carmine, overlaid with orange-scarlet.

Pantheon. Bright carmine-rose; very effective.

R. P. Struthers. Bright rosy-carmine, with claret-red eye.

Rheinlander. A beautiful salmon pink. Large flower.

Sunshine. Aniline-red with crimson eye.

Von Lassburg. Purest white, individual flowers very large.

Widar. Bright reddish-violet with white center which intensifies and illuminates the color.

Any of the above, except where noted, 25c. each; \$2.50 per doz.; \$20.00 per 100.

Stimulating ideas in garden architectural features

THE PRACTICAL BOOK OF GARDEN ARCHITECTURE

By PHEBE WESTCOTT HUMPHREYS

With frontispiece in color, and 125 illustrations from actual examples of garden architecture and house surroundings. Octavo. Handsomely decorated cloth binding. Boxed, \$5.00 net, f. o. b. Philadelphia.

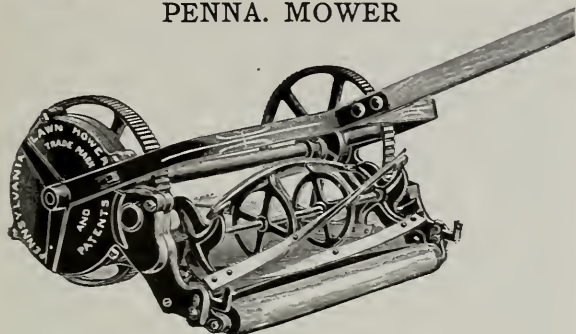


Lawn Mowers

(Prices subject to change without notice)



PENNA. MOWER



PENNA. AND CONTINENTAL MOWERS

	15 in.	17 in.	19 in.	21 in.
High Wheel.....	\$20.00	\$22.50	\$25.00	\$27.50
	12 in.	14 in.	16 in.	18 in.
Low Wheel.....	\$12.50	\$14.00	\$15.50	\$17.00

GREAT AMERICAN BALL BEARING

	15 in.	17 in.	19 in.	21 in.
High Wheel.....	\$15.00	\$17.00	\$19.00	\$21.00

PENNA. JR. BALL BEARING MOWERS

	15 in.	17 in.	19 in.	21 in.
High Wheel.....	\$21.50	\$24.00	\$26.50	\$29.00
	12 in.	14 in.	16 in.	18 in.
Low Wheel.....	\$13.00	\$15.50	\$17.00	\$18.50

PHILADELPHIA LAWN MOWER

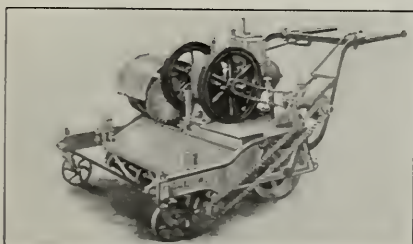
High wheel style A. All steel.

15-inch.....	\$20.00	19-inch.....	\$25.00
17-inch.....	22.50	21-inch.....	27.50

REGAL BALL BEARING MOWER, HIGH WHEEL

14-inch 5-blade cyl..	\$12.50	18-inch 5-blade cyl..	\$15.00
16-inch 5-blade cyl..	13.50	20-inch 5-blade cyl..	16.50

COLDWELL MOTOR MOWERS



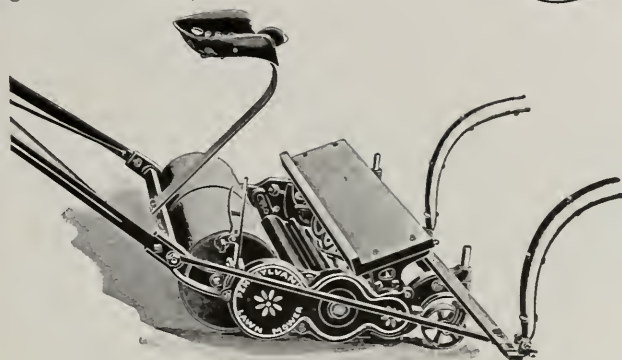
TYPE OF MODELS F, G, AND H

Prices net cash on receipt of mowers f. o. b. Newburgh, N. Y.

Model F.	40-inch cutting area.....	\$475.00
Model G.	35-inch cutting area.....	350.00
Model H.	30-inch cutting area.....	300.00

Any of the Coldwell Motor Mowers can be used as lawn rollers independent of the mowing feature.

Lawn Mower Oil\$1.00 per gal.



PENNSYLVANIA HORSE MOWER

30-inch, open cylinder, 4 blades, \$87.50; 6 blades, \$102.50
38-inch, open cylinder, 4 blades, 110.00; 6 blades, 125.00

With Shafts, Seat and side draft attachment:

For 30-inch.....4 blades, \$105.00; 6 blades, \$120.00
For 38-inch.....4 blades, 125.00; 6 blades, 140.00
25-inch Pony Mower, 4 blades, 50.00; 6 blades, 60.00

PENNA. "GRAND" HORSE MOWER

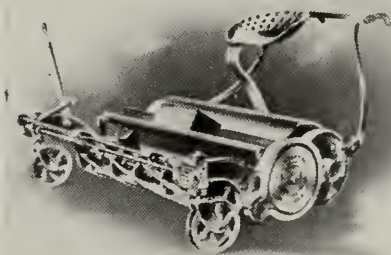
The high-grade material and workmanship of this Mower are characteristic of all machines of this make. The operator, without leaving his seat, can instantly change from low to high cut or an intermediate one.

30-inch cut.....4 blades, \$97.50; 6 blades, \$112.50
38-inch cut.....4 blades, 125.00; 6 blades, 140.00

With Shafts, Seat and side attachment:

For 30-inch.....4 blades, \$115.00; 6 blades, \$130.00
For 38-inch.....4 blades, 140.00; 6 blades, 155.00

Coldwell's "Improved" Horse Lawn Mower



A good machine, in use in many public parks and private estates. Complete with shafts, seat and side-draft attachment, which keeps the horse on the cut grass; 30-inch cut. Price on application.

GRASS CATCHERS (Braun's)

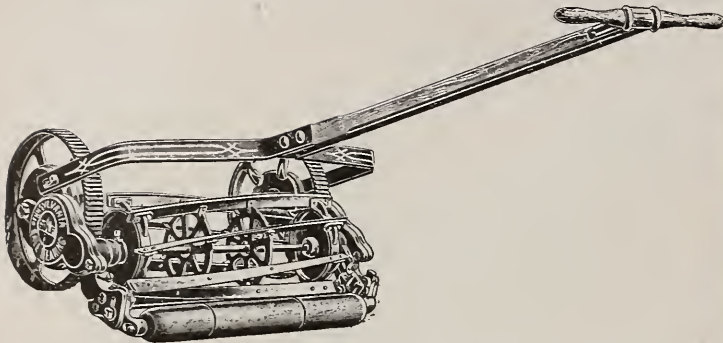
Made to fit the Pennsylvania, Continental and Great American Mowers.

10-in., \$2.50; 12-in., \$2.50; 14-in., \$2.75; 16-in., \$3.00;
18-in., 3.00; 15-in., 3.00; 17-in., 3.00; 19-in., 3.25;
21-in., 3.75.



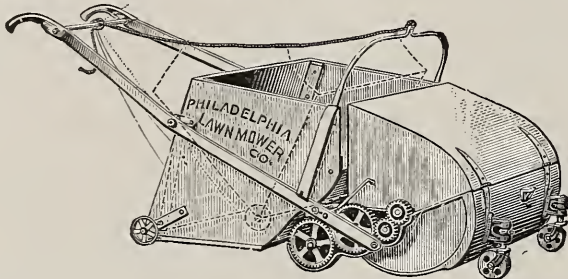
Garden Tools and Requisites

(All prices subject to change without notice)



PENNSYLVANIA GOLF LAWN MOWER

8-inch Low Wheel, 6 Blades. Plain Bearing.	9½-in. High Wheel, 7 Blades. Ball Bearing.
14-inch.....\$17.50	17-inch.....\$28.00
16-inch..... 20.00	19-inch..... 31.50
18-inch..... 22.50	21-inch..... 35.00



PHILADELPHIA HORSE LAWN SWEEPER

A revolving brush in front sweeps the sod clean and throws the sweepings backward into a large box in the rear. This box can be dumped without stopping. The only reliable horse machine on the market. Sweeps 40 inches wide. Price, \$90.00.



PENNA. UNDERCUT LAWN TRIMMER

PENNA. UNDERCUT

The Unique Construction of the Undercut Trimmer permits cutting, not only close up to a wall, fence, tree, etc., but it will get the Grass under a fence or rock-cut base of a tombstone, house foundations, and other places hitherto out of reach of anything but hand shears. Price, \$9.00.

OTHER LAWN TRIMMERS

Penna. Trimmer
(Regular style) \$8.00

Philadelphia
Trimmer..... 6.00

Coldwell
Trimmer..... 7.00



PENN. LAWN CLEANER AND RAKE

This hand machine will remove from the lawn not only the cut grass, but all sorts of leaves and litter, leaving the grass standing upright. One man can do more work than four with rakes. Easy to operate. 24 inches wide, \$20.00; 36 inches wide, \$30.00.

WHEELBARROW LEAF RACK



This can be attached to any size wheelbarrow with removable sides. It is most convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. It can readily be taken apart,

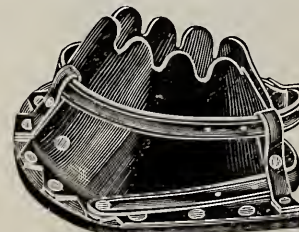
occupying but little space when not in use. Price, not including wheelbarrow, \$7.00.

LEAF RACKS

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water-barrel truck.

Metal Leaf Rack only, no truck.....	\$13.00
" " " with 1½ inch truck.....	28.00
" " " " 2½ " ".....	29.00
" " " " 3½ " ".....	30.00

HORSE BOOTS



The Hansel. Prevent breaking the sod. One of the best boots on the market. Set of four, \$15.00.

The Hunter. The only metal lawn boot made. It fastens on the horse's steel boot. Is made with either corrugated or plain bottom. Set of four, \$10.00.

Garden Tools and Requisites—Continued

(All prices subject to change without notice)



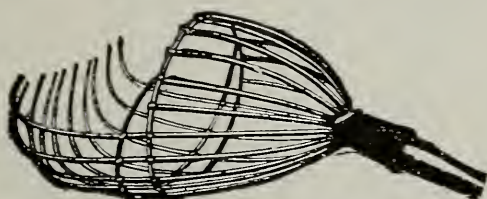
ASPARAGUS KNIVES

WORLD'S FAIR
HIGHEST AWARDS

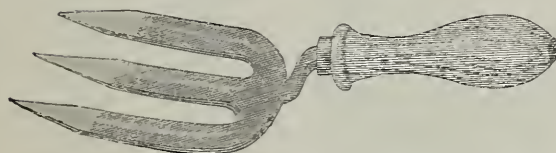
WOODASON'S BELLOWES

DIBBLE

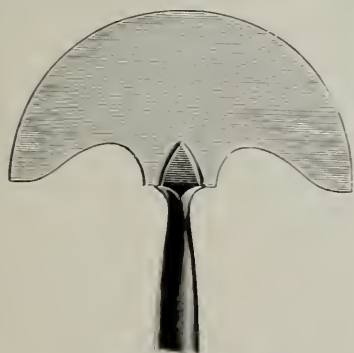
TRANSPLANTING HOE



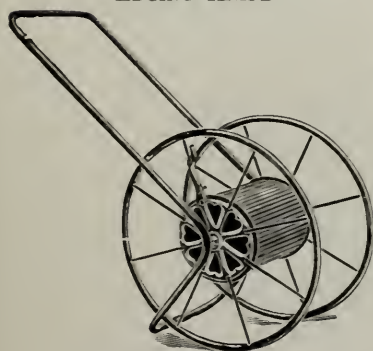
BOSS WIRE FRUIT PICKER



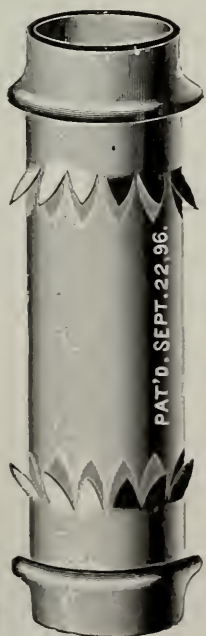
ENGLISH WEEDING FORK



EDGING KNIFE



WIRT'S IRON HOSE REEL

COOPER
HOSE MENDER

3-4 INCH

Asparagus Buncher. (Acme.) \$3.50.

Asparagus Knives. 60c. and 75c.

Axes. Heavy, \$2.25; medium, \$2.00.

Baskets, Orchid (Wood). 6-in., doz. \$5.00; 8-in., doz. \$5.75; 10-in., doz. \$6.50; 12-in., doz. \$6.75.

Baskets, Garden. For gathering leaves, vegetables, etc., 1 bush. size, 75c.; ½ bush. size, 60c.

Baskets, Splint. With handle; ¼ bush. \$1.75 doz.; ½ bush. \$1.90 doz.; ¾ bush. \$3.00 doz.; 1 bush. \$5.00 doz.

Baskets, Hanging. Galvanized wire, 8-in. 25c.; 10-in. 40c.; 12-in. 50c.; 14-in. 60c.; 16-in. 70c.

Baskets, Rubbish. 3 bush., rope handles. \$3.00 each.

Bellows, Woodason's Powder. Large double cone, \$4.50; large single cone, \$3.00; small single cone, \$2.25. Liquid Spraying, small, \$2.25; large, \$3.00; Sulphur Bellows, \$2.50.

Bill Hooks. Short handle, \$2.50; long handle, \$3.00.

BOXES, CARDBOARD, FLOWER

Heavy Weight Paper Boxes

Size	Doz.	100	Size	Doz.	100
23x12x5.....	\$1.95	\$13.90	30x 9x6	\$2.15	\$15.40
28x 8x5.....	1.65	12.10	30x12x6	2.45	17.85
30x 9x4.....	1.65	12.35	30x14x8	3.30	23.65
36x 8x5.....	2.10	15.10	36x12x6	3.00	21.45

Light Weight Paper Boxes

Size	Doz.	100	Size	Doz.	100
16x4x3	\$0.60	\$4.00	21x5x3¼	\$0.85	\$5.25
20x4x3 .....	.75	5.00	24x5x3½ .....	.90	6.00
18x5x3 .....	.75	5.00	21x8x4	1.00	7.00
18x7½x3½ .....	.90	6.50	24x8x4	1.25	8.00

Brooms (Stable or Road). Rattan or cocoa, \$1.50.

Brooms. Upright, corn, \$1.00; corn and rattan, \$1.25.

Carnation Supports. (Model.) Wire, 2 ring, doz. 85c.; 100, \$5.50; 3 ring, doz. \$1.00; 100, \$6.50.

Corn Shellers. Perfection, \$5.00. Pony, \$10.50.

Dandelion Puller. 50c. each.

Dibbles. Brass point, 80c. Iron point, 60c.

Dock Extractors. Heavy, for field use. \$3.50.

Dock or Weed Lifter. Large, 25 inches, 85c.

Edging Knives. English, 8-in., \$2.00; 9-in., \$2.25.

Edging Knives. American, 85c.

Forks. Hand weeding, English, \$1.00; digging or spading, 4-pronged, \$2.00; 5-pronged, \$2.25; manure, D handle, 4-tine, light, \$1.25; 4-tine, heavy, \$1.65; 5-tine, \$1.75; manure, long handle, 4-tine, \$1.75; 5-tine, \$2.00; hay, long handle, 2-tine, \$1.50; 3-tine, \$1.75.

Fruit Picker, Boss. Galvanized wire, 60c.

Fumigators. Perfection and Eureka. The Perfection is made with vapor tank. The vapor prevents scorching and makes the smoke more effective.

	For Greenhouse	Eureka	Perfection
No. 1.....	10x 20 ft.	\$2.75	\$5.00
No. 2.....	12x 40 ft.	3.25	5.75
No. 3.....	15x100 ft.	4.00	7.00
No. 4.....	20x100 ft.	5.00	8.00

Garden Lines. Solid braided, 96 ft., \$1.00; 192 ft., \$1.90; 288 ft., \$2.80.

Garden Reels. Iron, small, \$1.00; medium, \$1.50; Galvanized, single, \$2.50; double, \$3.00.

Garden Tools and Requisites—Continued

(All prices subject to change without notice)

Plow Line Cotton. 45 ft. hanks, 75c.
Glass Cutters. Diamond, \$3.00 and \$4.00; steel wheel, 15c.

Glazing Points. Peerless, per 1000, 75c.

Grass Hooks (Sickles). English, riveted back, No. 2, 85c.; No. 3, \$1.00; solid back, 60c.

Grape Protecting Bags. String and Button Tied. 2 lbs., \$1.00 per 100; \$7.00 per 1000; 3 lbs., \$1.10 per 100; \$7.65 per 1000.

Grindstones. No. 2, Cleveland, 22-in. dia., \$4.75; No. 3, Cleveland, 19-in. dia., \$4.25; Bi-Treadle, complete with seat and pedals, \$6.00.

Hammers. Steel claw, \$1.50.

Hatchets. \$1.50.

Hoes. Celery, 10-in., \$1.25; 14-in., \$1.75; Grubbing, \$2.00; Weeding, with 4-tooth rake, 90c.; 6-tooth rake, \$1.00; Half Moon, 3-in., 85c.; 4-in., 90c.; 5-in., 95c.; 6-in., \$1.00; 7-in., \$1.05; 8-in., \$1.10; Warren, \$1.00 and \$1.05; Scuffle, 4-in., 90c.; 5-in., \$1.00; 6-in., \$1.10; 7-in., \$1.20; 8-in., \$1.30; 9-in., \$1.40; 10-in., \$1.50; Garden, 1-point, 70c.; 2-point, 75c.; Square, 6-in., \$1.00; 7-in., \$1.05; 8-in., \$1.10; Transplanting, \$1.25; Potato, 4-pronged, \$1.50.

Hose. (Rubber.) $\frac{3}{4}$ -in., Flexo, Non-Kinkable, 20c. per ft.; $\frac{3}{4}$ -in., Revere, 22c. per ft.; Electric, $\frac{3}{4}$ -in., 22c. per ft.; $\frac{3}{4}$ -in., 5-ply, Multiplex, 16c. per ft.

Hose Nozzles. Boston, coarse or fine, \$1.00; Boss, \$1.00; Gem, 85c.

Hose Couplings. Brass, $\frac{3}{4}$ -in., per pair, 30c.; per doz., \$3.50.

Hose Menders. $\frac{3}{4}$ -in., Iron, 75c. doz.; Cooper's, brass, \$1.00 doz.; Hudson, 50c. doz.

Hose Bands. Caldwell's, 40c. doz.; Hudson, 20c. doz.

Hose Washers. 10c. per doz.

Hose Reels. Wirt's Iron, No. 10, 100 ft., \$4.50; No. 20, 150 ft., \$5.00; No. 30, 400 ft., \$8.00.

Hotbed Sash. Made of best quality cypress. Size, 3 ft., 1 $\frac{1}{2}$ in. wide, 6 feet long.

Plain, not glazed or painted. Each, \$3.50.

Glazed, painted, puttied glass. Each, \$7.00.

Packing charges on glazed sash only, 35c. each.

Hotbed Sash. Sunlight double glass, requires no covering, retains the heat, 3x6 ft. Plain, unglazed and unpainted, \$3.25; glazed and painted, \$7.50. Packing glazed sunlights, 35c. each extra.

Hotbed Mats. Burlap, 40x76, \$2.50 each; per doz., \$28.00. Burlap, 76x76, \$4.00 each; per doz., \$44.00.

Straw Mats. 3x6 ft., \$1.50 each; 6x6 ft., \$2.50 each.

Knives. Budding, \$1.75, and \$2.75. Pruning, \$1.75 and \$2.25.

Labels. Wooden, painted.

	100	1000		100	1000
4 inch...	20c.	\$1.25	8 inch...	\$0.75	\$5.50
4 $\frac{1}{2}$ inch...	25c.	1.50	10 inch...	1.00	7.00
5 inch...	30c.	1.75	12 inch...	1.10	8.25
6 inch...	35c.	2.00			

18-inch (for field) per 100, \$3.50; per 1000, \$32.50.

Simplex Weatherproof Plant Labels. No. 1, 3 x $\frac{1}{2}$ in., per doz. 25c.; per 100, \$2.00. No. 2, 4 x $\frac{3}{4}$ in., per doz., 50c.; per 100, \$4.00. No. 3, 5 x 1 in., per doz., 75c.; per 100, \$6.00.

Lawn Sprinklers, Enterprise. Best, on sled base. No. 1, \$4.25; No. 2, \$3.50.

Mattocks. With handles, \$2.50.

Mole Traps. Reddick, \$1.50.

" " Olmstead (very popular), \$2.00.

Paper, Manila. For wrapping, 24x36, per lb., 18c.

" Tissue, per ream, \$2.50.

" White wax, 24x36, per ream, \$6.75.

" Green wax, \$4.50.

Picks. \$1.25 each.

Posthole Digger. No. 8 Eureka, \$4.00.

Pruner, Disston's Little Giant. \$1.75; with saw, at \$2.50.

Rakes. Gravel, with short teeth for walks and drive-ways, 12 teeth, 85c.; 14 teeth, \$1.00; 16 teeth, \$1.10; 18 teeth, \$1.20.

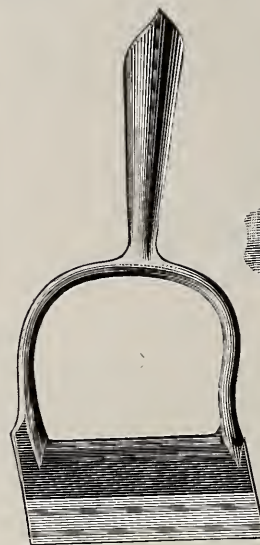
Garden, 8 teeth, 75c.; 10 teeth, 75c.; 12 teeth, 80c.; 14 teeth, 85c.; 16 teeth, 90c.

Bow Steel, 11 teeth, 90c.; 13 teeth, 95c.; 15 teeth, \$1.00.

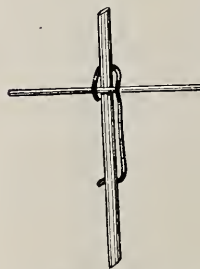
Automatic, self-cleaning, 26 teeth, \$1.00; 38 teeth, \$1.50.

Ames, wooden teeth, \$1.00; Globe, 20 teeth, 50c.

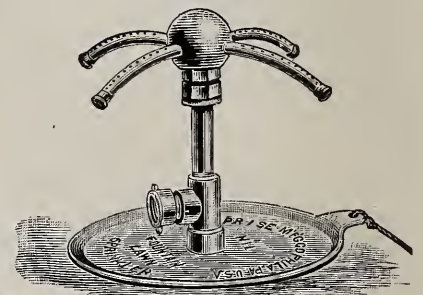
Lawn Queen, 24 teeth, 60c.; 36 teeth, \$1.00; 42 teeth, \$1.25.



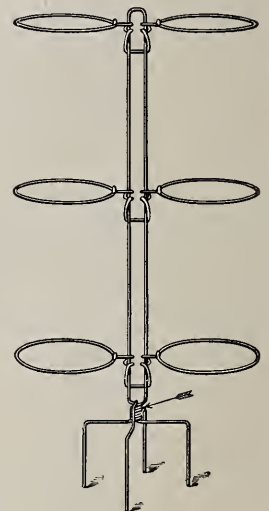
ENGLISH SCUFFLE HOE



STAKE FASTENER



ENTERPRISE SPRINKLER



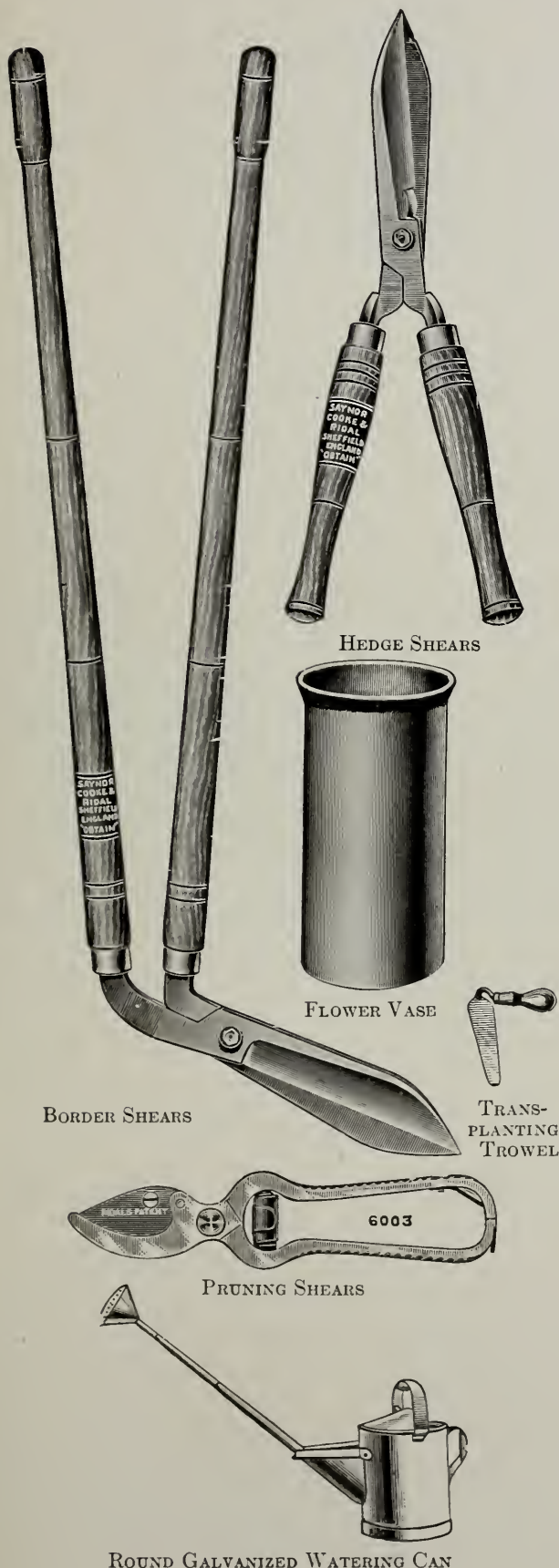
MULLER'S
CARNATION SUPPORT



OUT-OF-SIGHT MOLE TRAP

Garden Tools and Requisites—Continued

(All prices subject to change without notice)



Saws, Pruning. Single edge, 18-in., \$1.65; 20-in., \$1.80.

Double edge, 18-in., \$1.50; 20-in., \$2.00.

Disston Carpenter, 26-in., \$3.00; 28-in., \$3.40.

Buck or Wood, \$1.25.

1-Man Crosscut, 3½-ft. blade, \$4.00.

2-Man Crosscut, 5-ft. blade, \$5.00.

Scissors. Grape, \$1.30 and \$1.50.

Flower-gathering, Saynor's, each, \$1.25.

Scythes. Riveted back, also solid back, 32-in., \$3.00;

34-in., \$3.15; 36-in., \$3.25; 38-in., \$3.50.

Scythe Stones. Darby Creek, 20c.; Talacre, 35c.

Scythe Snath. Each, \$1.50.

Shears, Border. Saynor's, 8-in., \$4.00; 10-in., \$4.50.

With wheel, 9-in., \$4.50; 10-in., \$5.00.

Hedge. 8-in., \$2.75; 9-in., \$3.00; 10-in., \$3.25.

Sheep, or Grass. \$1.25 each.

Lopping. \$3.50; \$4.00; \$4.50, and \$5.00.

Hand Pruning. \$2.00 to \$2.50.

" " Wiss, 9-in., \$2.75; 10-in., \$3.50.

Shovels. Ames' extra quality. Square and round pointed, long and short handles, \$2.50.

Good quality. Square and round pointed, long and short handles, \$2.00.

Sieves. 18-in., \$1.25; 20-in., \$1.50.

Spades. Ames' extra quality, long and short handles, \$2.50.

Good quality, long and short handles, \$2.00.

Stake Fasteners (Corts). \$2.25 for 500; \$3.75 per 1000.

Stakes, Cane. Japanese, 5 to 6 ft., per 100, \$1.75; 250, \$4.00; 1000, \$15.00. 8-ft., 100, \$2.50; 1000, \$23.00.

Galvanized Steel.

No. 10 Wire.

No. 8 Wire.

	100	1000		100	1000
2 ft. long..	\$1.25	\$10.00	4 ft. long..	\$2.00	\$18.00
2½ ft. long..	1.40	11.00	4½ ft. long..	2.25	20.00
3 ft. long..	1.60	14.00	5 ft. long..	2.50	22.50
3½ ft. long..	1.75	16.00	6 ft. long..	2.75	25.00

Light, Tapering, Round, Painted Green.

	Doz.	100		Doz.	100
1½ feet.....	\$0.25	\$1.50	3 feet.....	\$0.75	\$4.75
2 feet.....	.35	2.75	3½ feet.....	.80	5.75
2½ feet.....	.50	3.75	4 feet.....	.95	6.75
			5 feet.....	1.00	7.75

Heavy Rose or Dahlia, Round, Painted Green.

	Doz.	100		Doz.	100
3 feet.....	\$0.85	\$6.50	5 feet.....	\$1.50	\$11.50
3½ feet.....	1.00	7.50	6 feet.....	1.85	13.50
4 feet.....	1.25	8.75			

	100	1000
Hyacinth. 12 inches long.....	\$0.25	\$1.50
18 inches long.....	.40	2.00

Square Plant Stakes, Painted Green.

	Doz.	100		Doz.	100
1½ ft.....	\$0.25	\$1.75	3½ ft.....	\$0.85	\$6.50
2 ft.....	.35	2.85	4 ft.....	1.00	8.00
2½ ft.....	.50	4.00	5 ft.....	1.35	11.00
3 ft.....	.75	5.50	6 ft.....	1.60	12.50

Plain, Unpainted Dowels.

Length	Diam.	Doz.	100	1000
42 inches.....	¼ in.	\$0.25	\$1.50	\$10.00
42 ".....	⅜ in.	.30	1.75	12.00
42 ".....	½ in.	.40	2.50	18.00
36 ".....	¼ in.	.20	1.00	8.50
36 ".....	⅜ in.	.25	1.50	10.00
36 ".....	½ in.	.30	1.75	12.00

Garden Tools and Requisites—Continued

(Prices subject to change without notice)

**"CENTURY" BARREL SPRAY PUMP**

- Auto Spray. No. 1A Brass Tank with Stop Cock, \$10.50
 Auto Spray. No. 1B Brass Tank with Auto-Pop, \$11.00
 Auto Spray. No. 1C Galv. Tank with Stop Cock, \$7.00
 Auto Spray. No. 1D Galv. Tank with Auto-Pop, \$7.50

**PERFECT SUCCESS BUCKET PUMP**

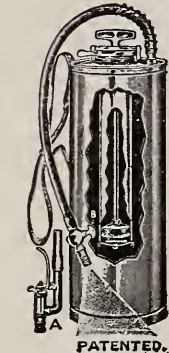
Perfect Success Bucket Pump.
 One of the best. Complete with hose and nozzle, \$7.00. With extra 7 feet hose, \$8.00.

Deming's "Century" Barrel Spray Pump. An extra powerful pump; complete, with hose and nozzle, \$19.00; with barrel and trunnions, \$25.00.

"Gardener's Choice" Spray Outfit. A tank on wheels, holds 25 gallons, fitted with pump; complete with hose and nozzle, \$39.00.

**"GARDENER'S CHOICE" SPRAY OUTFIT****Syringes, Brass**

- No. 1½, 1 stream and 2 sprays, 16 in. \$4.50
 No. 4, 1 stream and 2 sprays, 18 in. 6.50

**AUTO SPRAY SHOWING AUTO-POP ATTACHMENT****SPECIAL NOTICE**

Owing to the unsettled market conditions, all prices in this catalogue are subject to change.

Thermometers

	Each	Doz.
No. 5410— 8 inch.	\$0.75	\$8.00
No. 5410—10 "	1.00	11.00
No. 5410—12 "	1.25	14.00
No. 5420— 8 " . . . . .	.60	5.50
No. 5420—10 " . . . . .	.75	7.25
No. 5440— 8 " . . . . .	.15	1.50
No. 5440—10 " . . . . .	.20	2.00
Maximum and Minimum (self-registering)	\$4.00	
Hotbed or Mushroom. Brass point, each,	\$2.75	

Torch. For burning caterpillars' nests. Asbestos, 65c.

Trowels. English Steel, 75c.; steel shank, 85c.; Cleves' Angle, 20c., 25c., and 30c.; Transplanting, 50c.

Watering Cans. Galvanized, extra heavy.

	Round	Oval
4 quart.	\$2.75	
6 "	3.00	\$3.25
8 "	3.25	3.50
10 "	3.50	3.75
12 "	3.75	4.00
16 "	4.00	4.75

Weeders. Excelsior, 15c.; Lang's, 25c.; Eureka, 50c.; Yoder, 30c.; Mehler's, \$1.25.

Weeder, Magic No. 1, 30c.; No. 2, with hoe, 35c.; No. 3, with long handle and hoe, 85c.; No. 4, with handle without blade, 75c.

Wheelbarrows. Garden and Farm.

- No. 3, 1½-in. tire, \$6.00; No. 4, with 3-in. tire, \$7.00.
 No. 5, 2-in. tire, \$7.50.

Wire, Galvanized.

No.	Per Roll 12 lbs.	No.	Per Roll 12 lbs.
16.	\$2.20	20.	\$2.75
18.	2.25	22.	3.00
19.	2.50	24.	3.25

Cut Bouquet, 12 inches:

No. 20, per box 12 lbs.	\$2.50
No. 22, per box 12 lbs.	2.75
No. 24, per box 12 lbs.	3.00

Extension Ladders, complete with rope and pulleys.

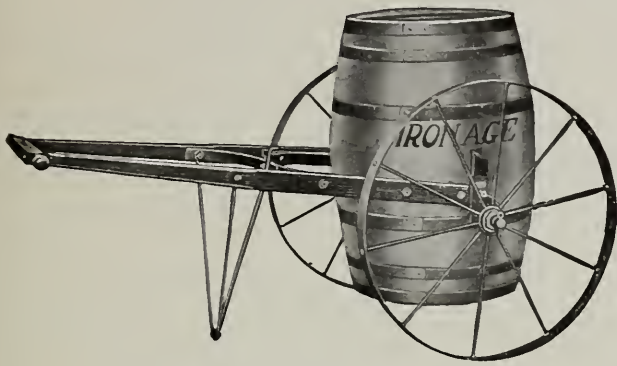
16 ft. in 2 8-ft. sections.	\$6.40
20 " " 2 10-ft. "	8.00
24 " " 2 12-ft. "	9.60
28 " " 2 14-ft. "	11.20
32 " " 2 16-ft. "	12.80
36 " " 2 18-ft. "	14.40
40 " " 2 20-ft. "	16.00

Single Ladders. Made of White Spruce XX, and White Ash rounds.

- 8-ft. \$2.50; 10-ft. \$3.00; 12-ft. \$3.60; 14-ft. \$4.20; 16-ft. \$4.80; 18-ft. \$5.40; 20-ft. \$6.00.

Garden Tools and Requisites—Continued

(Prices subject to change without notice)



WATER BARREL AND TRUCK

The prices below include barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf rack attached.

1½-inch tire truck, all steel wheels, with barrel	...\$21.00
2½ " " " " " "	... 22.00
3½ " " " " " "	... 23.00
Extra Barrels with trunnions	... 6.50
Hand Cart Box for Truck	... 6.50
Extra trunnions, per pair, \$1.25.	

STANDARD FLOWER POTS

Full inside measurement—height and width. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates.



FLOWER POT

	Sizes	Doz.	100	1000
	1¾ in. . . .	\$0.12	\$0.90	\$8.25
	2 in. . . .	.12	.90	8.25
	2¼ in. . . .	.14	1.02	9.35
	2½ in. . . .	.16	1.20	11.00
	3 in. . . .	.21	1.56	14.30
	3½ in. . . .	.25	1.92	17.60
	4 in. . . .	.31	2.40	22.00
	4½ in. . . .	.42	3.24	29.70
	5 in. . . .	.56	4.32	39.60
	5½ in. . . .	.70	5.40	49.50
	Each			
6 in.	\$0.09	.84	6.48	59.40
6½ in. . . . .	.11	1.12	8.64	79.20
7 in. . . . .	.14	1.40	10.80	99.00
8 in. . . . .	.20	2.02	15.60	143.00
9 in. . . . .	.32	3.12	24.00	
10 in. . . . .	.42	4.21	32.40	
11 in. . . . .	.60	6.24	48.00	
12 in. . . . .	.83	8.58	66.00	
14 in.	1.35	14.04	108.00	

Square Seed Pans

	Each	Doz.
6 in. x 6 in.	\$0.75	\$7.80
8 " x 8 "	1.00	10.45
10 " x 10 "	1.26	13.10
12 " x 12 "	1.50	15.60

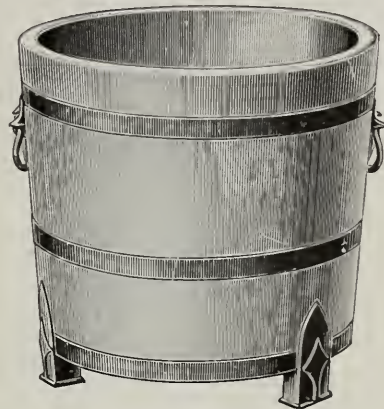
WOOD FIBER SAUCERS

	<i>Each</i>	<i>Doz.</i>		<i>Each</i>	<i>Doz.</i>
5 inches	\$0.33	\$3.76	10 inches	\$0.46	\$5.24
6 " . . . .	.35	3.93	12 " . . . .	.55	6.27
7 " . . . .	.37	4.22	14 " . . . .	.70	7.98
8 " . . . .	.39	4.45	16 "	1.26	14.36
9 " . . . .	.43	4.90	18 "	1.48	16.87

SPECIAL NOTICE

On account of unusual prevailing conditions, all prices in this catalogue are subject to change without notice.

TREE AND PLANT TUBS



CEDAR PLANT TUB

Made of white cedar, painted green and bound with extra iron hoops. Drop handles. Iron feet.

No.	Outside Diam.	Length of Stave	Each	No.	Outside Diam.	Length of Stave	Each
0	27 in.	24 in.	\$12.50	5	16 in.	14 in.	\$6.00
1	25 in.	22 in.	11.00	6	14 in.	12 in.	4.75
2	23 in.	20 in.	10.00	7	13 in.	11 in.	4.00
3	21 in.	18 in.	8.50	8	12 in.	10 in.	3.50
4	18 in.	16 in.	7.00				

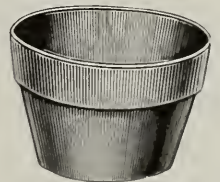
WATERER'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong electric-welded wire hoops, which do not rust. Handles extra, 10c. per pair. State whether you wish handles.

No.	Inside Diam.	Depth	Each
6	11 inches	10 inches	\$1.70
7	12 "	11 "	1.95
8	13 "	12 "	2.20
9	14 "	13 "	2.50
10	15 "	14 "	3.00
11	16 "	15 "	3.50
12	17 "	16 "	4.00
13	18 "	17 "	4.50
14	19 "	18 "	5.00

EARTHEN BULB PANS

Width	Height	Each	Doz.	100
6 in.	3 in.	\$0.09	\$0.84	\$6.48
7 in.	3½ in.	.14	1.40	10.80
8 in.	4 in.	.20	2.02	15.60
9 in.	4½ in.	.30	3.12	24.00
10 in.	5 in.	.42	4.28	32.40
12 in.	6 in.	.83	8.58	66.00
14 in.	7 in.	1.35	14.04	108.00



BULB OR LILY PAN

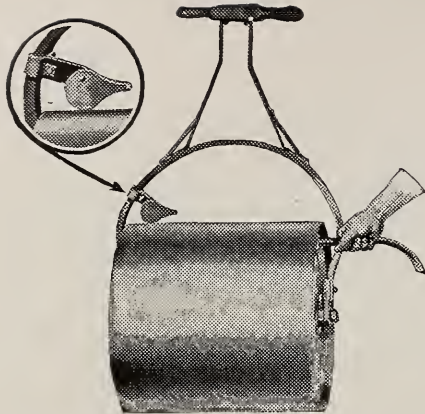
AZALEA, OR LOW EARTHEN POTS

Width	Height	Each	Doz.	100
6 in.	5 in.	\$0.09	\$0.84	\$6.48
7 in.	6 in.	.14	1.40	10.80
8 in.	7 in.	.20	2.02	15.60
10 in.	8 in.	.42	4.21	32.40

WOOD FIBER FLOWER VASES

No.	Diam. inside	Depth inside	Each	Doz.
0	8 in.	13 in.	\$1.67	\$19.00
1	5½ in.	10 in.	1.34	15.20
2	4½ in.	9 in.	1.17	13.30
3	4 in.	6 in.	.96	10.93
4	4 in.	4½ in.	.75	8.55
00	9 in.	21 in.	5.84	66.50
11	5 in.	18 in.	1.80	20.52
22	4½ in.	15 in.	1.42	16.15
33	4 in.	12 in.	1.17	13.30
44	3 in.	9 in.	.96	10.93

(All prices subject to change without notice)



DUNHAM WATER BALLAST ROLLERS

The proper roller for most any occasion; fill it with water or sand, which will weight it any number of pounds desired; 24 inches diameter, can be had in one or two sections. Equipped with counter-balanced handle weights, which always keep the handle in position ready for use; roller axle bearings. The two section roller is desirable on account of its not disturbing the turf or ground when being turned. Weighs 50 per cent. more when filled with sand—water is most convenient.

No.	Sections	Diam.	Width	Weight Empty	Weight filled with Water	Price
H. W. 6.....	1	24	24	170	525	\$19.50
H. W. 8.....	1	24	32	190	650	21.50
H. W. 10.....	2	18	24	170	360	20.50
H. W. 12.....	2	24	32	220	525	27.00

THE "BOSS" HAND LAWN ROLLERS

These Rollers are of neat finish, with beveled edges and a smooth surface, very strong and durable. A Roller weighing from 200 to 350 pounds can be readily handled by one man. We can supply Hand Rollers weighing up to 650 pounds and Horse Rollers weighing from 650 pounds up. Descriptive price list on application.

No.	Diam.	Length	Sec.	Lbs.	Prices on application
1.....	15 in.	15 in.	2	150	
2.....	15 in.	22 in.	3	200	
3.....	20 in.	16 in.	2	225	
4.....	20 in.	20 in.	2	250	
5.....	20 in.	20 in.	1	250	
6.....	20 in.	24 in.	3	300	
7.....	20 in.	24 in.	2	300	
8.....	20 in.	30 in.	3	350	

SUNDRIES

Charcoal. For use in potting. 25 lbs. \$1.75; 100 lbs. \$6.00.
 Orchid Peat. (Osmunda.) Selected. Per sack \$2.50.
 Jersey Peat. Per bbl. \$2.50; 5-bbl. lots \$10.00.
 Sphagnum Moss. (Dry.) 5-bbl. bale \$2.75.
 Sphagnum Moss. (Green.) Per bbl. \$2.25.
 Moss. (Green Lump.) Per bbl. \$2.50.
 Moss. (Green Sheet.) Per bbl. \$3.50.
 Propagating Sand. Per bbl. \$2.50.
 Raffia. For tying. Per lb. \$1.50.
 Green Silkaline. Per spool 30c.; 8 spools \$2.25.
 Green Twine. Per lb. \$1.25.
 Jute Twine. Ball 22c.; per lb. 40c.
 Tar Twine. Per ball 30c.
 Tarred Sisal for Fodder. Per lb. 28c.
 No. 18 Medium Italian Twine. Per ball 40c.
 No. 36 Heavy Italian Twine. Per ball 35c.
 Carnation Bands. (Rubber.) For mending bursted calyx. 50c. per oz.
 Grafting Wax. 1/2 lb. 25c.; per lb. 35c.

Poultry Supplies

Prices subject to market changes

Alfalfa Meal.—\$2.00 for 50 lbs.; 100 lbs. \$3.50.
 Bone Meal.—For mixing once a day with soft feed this is unsurpassed. 50 lbs. \$2.25; 100 lbs. \$4.00.
 Buckwheat.—5 lbs. 60c.
 Canada Peas.—Largely used as a food for pigeons. 10 lbs. or more at 15c. per lb.
 Charcoal, Ground.—25 lbs. \$1.75; 100 lbs. \$6.00.
 Chick Feed.—A complete grain feed for chicks until eight weeks old. 25 lbs. \$1.85; 50 lbs. \$3.25; 100 lbs. \$6.00.
 Chick Manna.—A health food for little chicks. 5 lbs 40c.; 15 lbs. \$1.10; 60-lb. case \$4.20.
 Chick Food (Pratt's).—For newly hatched chicks. 1 lb. 10c.; 3 lbs. 25c.; 6 1/2 lbs. 50c.; 14 lbs. \$1.00.
 Chick Starter.—A primary grain feed for baby chicks up to twenty days old. 25 lbs. \$1.85; 50 lbs. \$3.25; 100 lbs. \$6.00.
 Condition Powder, "Sheridan's."—2 1/4-lb. can \$1.00.
 Death-to-Lice Powder.—15-oz. box 25c.; 48-oz. box 50c.; 100-oz. box \$1.00.
 Dog Cakes, "Spratt's."—25-lb. box \$2.25; 50-lb. box \$4.00; 100-lb. box \$7.50.
 Drinking Founts.—Philadelphia Galv. 1 qt. 25c. each; \$2.75 per doz.; 2 qts. 35c. each; \$3.50 per doz.; 4 qts. 50c. each; \$5.00 per doz.; 8 qts. 75c. each; \$7.50 per doz.
 Hemp Seed.—10 lbs. or more, 15c. per lb.
 Knox Lice Expelling Nest Eggs.—6c. each; 60c. per doz.; \$4.00 per 100.
 Leg Bands.—Climax-Eclipse and Double Clinch, each 75c. per 100. Celluloid, large, Smith, sealed, each \$1.50 per 100.
 Meat, "Prepared."—50 lbs. \$3.25; 100 lbs. \$6.00.
 Medicated Nest Eggs.—For disinfecting the nest. Each 7c.; per doz. 75c.
 Mica Crystal Grit.—For poultry, pigeons and birds. Coarse and fine. 100 lbs. \$1.25.
 Millet Seed.—Used as a food for growing chicks. 10 lbs. \$1.00.
 Pratt's Poultry Food.—5 lbs. 60c.; 12 lbs. \$1.25; 25 lbs. \$2.50.
 Pratt's Poultry Regulator.—4 lbs. 60c.; 12 lbs. \$1.75; 25 lbs. \$3.00.
 Porcelain Nest Eggs.—The best and cleanest nest egg used. 30c. doz.
 Oyster Shells.—Coarse and fine. 100 lbs. \$1.25.
 Scratch Feed.—A balanced grain ration, poultry feed for grown fowls. 25 lbs. \$1.85; 100 lbs. \$6.00.
 Sunflower Seed.—10 lbs. \$1.25.

SPECIAL NOTICE

On account of unusual market conditions, all prices in this catalogue are subject to change without notice.

Fertilizers for the Farm, Lawn, Garden and Greenhouse

(Prices of Fertilizers subject to change without notice)

Agricultural Salt.—Used as a top dressing for asparagus beds. Should be applied early in the spring, at the rate of 800 to 1000 lbs. per acre. 200 lbs. \$3.00.

Bon Arbor No. 1.—Is immediately soluble in cold water, therefore all the properties are available to plant life from the moment of application. It is quick in action, enabling you to see its effects in from three to ten days on any quick-growing plants, vegetables and lawns, and on slower growing plants in a proportionate time. It being a complete food, containing Nitrogen, Potash and Phosphoric Acid in sufficient quantities, will sustain the growth it makes. (1 lb. dissolved in water will make thirty gallons.) ½-lb. can 30c.; 1 lb. 50c.; 5 lbs. \$2.00; 25 lbs. \$6.25; 50 lbs. \$12.50; 100 lbs. \$20.00.

Bone Flour.—Ground perfectly fine, an excellent fertilizer for pot plants or beds where an immediate effect is wanted. Bag of 200 lbs. \$9.00.

Raw Bone Meal (Warranted Pure).—3 lbs. 25c.; 5 lbs. 35c.; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.00; sack of 200 lbs. \$7.50; ½ ton \$33.50; ton \$65.00.

Canada Hardwood Ashes.—Excellent as a lawn dressing, or to apply to orchards. Should be applied at the rate of 1000 to 1500 lbs. per acre. Price on application.

Chrysanthemum Manure (Thomson's SPECIAL).—Entirely soluble and very powerful. Especially suitable for top-dressing chrysanthemums and similar plants. It is meant to be used as an additional stimulant during the growing season. 25 lbs. \$5.00; 56 lbs. \$9.50.

Bull's Food for Plants.—This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables and wish to bring them to the highest perfection. Should be used in potting soil and spread on staging of greenhouses planted with flowering plants, etc. 25 lbs. \$3.50; 56 lbs. \$6.00.

Cattle or Cow Manure, Shredded.—For garden, lawn, and greenhouse, and especially good to mix with compost. 100 lbs. \$3.25; 500 lbs. \$15.00; 1000 lbs. \$26.00; per ton \$50.00.

Farmo Germ. A nitrogen gathering bacteria to be used when planting or sowing leguminous plants, as clover, peas, beans, etc. Garden size bottles 25c. and 50c. Acre size, \$1.50. 5 acre bottle \$5.00.

Horn Shavings.—A valuable and rich fertilizer, especially for roses, chrysanthemums, etc. 50 lbs. \$4.00; \$7.50 per 100 lbs.

Humus.—Nature's plant food used as a top dressing or mixing with the soil when making a new lawn or garden. Apply at the rate of 5 to 10 tons per acre. 100 lbs. \$1.35; 500 lbs. \$6.25; ½ ton \$11.00; ton \$20.00. Special price on car-load lots.

Imported Native Guano.—The best fertilizer in the market for all garden and farm crops. Price on application.

Kainit.—Apply at the rate of 1000 lbs. per acre. Should be spread during winter. Prices on application.

Land Plaster.—Apply about 1000 to 1500 lbs. per acre. For a top dressing on sour and worn-out soils, also for mixing with Paris green. 200 lbs. \$3.00; ton \$25.00.

Nitrate of Soda.—It is very quick in action and hastens maturity of crops fully two weeks. A fertilizer for all crops. Apply mixed with land plaster at the rate of 200 or 300 lbs. per acre. Price on application.

Poudrette.—Used extensively by market gardeners. An excellent lawn top dressing. Apply 1000 lbs. per acre. 200 lbs. \$3.50; 1000 lbs. \$16.00; ton \$30.00.

Potato and Truck Special.—A high-grade fertilizer for the vegetable and truck garden. 200 lbs. \$6.25; ton \$55.00.

Sheep Manure, Pulverized.—We recommend this for all purposes where a high-class fertilizer is required. It is gathered from sheep corrals where they have been under cover, hence retaining its fertilizing requisites. For flower or vegetable gardens and as a top dressing for lawns it is unequalled. Also excellent for pot plants. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25; 500 lbs. \$15.00; 1000 lbs. \$26.00; ton \$50.00.

Sheep Manure (Wizard Brand).—For garden, lawn, or greenhouse use. 100 lbs. \$3.25; 500 lbs. \$15.00; 1000 lbs. \$26.00; ton \$50.00.

Soot, Scotch.—Genuine Imported. An excellent fertilizer for stimulating growth, and giving a rich dark foliage; also, an excellent remedy against slugs, grubs and cut-worms when mixed in the surface of the soil. Sack, 112 lbs. \$5.00.

Tobacco Stems.—They make an excellent top dressing for lawns in winter. Large bales \$3.00. Special price on ton lots.

Vine, Plant and Vegetable Manure (THOMSON'S).—A safe and reliable food and stimulant for grape vines and every fruit-bearing plant; also for foliage, flowering plants and vegetables. 25-lb. bag \$2.25; 56-lb. bag \$4.00; 112 lbs. \$7.50.



If you want a good Lawn, Sow
"Waterer's Special Evergreen Lawn Grass Seed"



Insecticides, Etc.

(Prices subject to change without notice)

Ant Destroyer.—\$1.00 per lb.

Aphine.—The Recognized Standard Insecticide. Not a cure-all, but a specific remedy for all sap-sucking insects infesting plant life, such as green, black, white fly, thrips, red spider, mealy bug, and soft scales. \$1.00 per qt.; \$2.50 per gal.

Aphis Punk.—A nicotine paper for fumigating. Box 60c.; case, 12 boxes, \$6.50.

Arsenate of Lead (Paste).—Unexcelled as a general spray for all leaf-eating pests. 1 lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.50.

Black Leaf 40.—A concentrated solution of nicotine for spraying. ½ lb. 75c.; 2 lbs. \$2.50; 10 lbs. \$10.75.

Bordeaux Mixture (Liquid).—For all fungus diseases, such as mildew and the various rots of the grape; one gallon will make one barrel liquid. 1 gal. \$1.50.

Bug Death.—Per lb. 25c.; 3 lbs. 50c.; 5 lbs. 75c.; 12½ lbs. \$1.50.

Bug-Death Duster.—40c.

Fir Tree Oil Soap.—For destroying mealy bugs, scale, aphis, red spider. ½ lb. 40c.; 2 lbs. \$1.00.

Fungine.—An infallible remedy for mildew, rust and bench fungi. Does not stain the foliage. \$1.00 per qt.; \$3.50 per gal.

Grape Dust.—For the prevention of mildew on roses, grapes, gooseberries, etc. 5-lb. pkg. 75c.; 10 lbs. \$1.40.

Hellebore.—For destroying slugs, worms, caterpillars, etc. Lb. 65c.; 5 lbs. \$3.00.

Kerosene Emulsion (Liquid).—For cabbage worm, scale on trees, caterpillar, melon louse, rose bugs, green fly and lice of all kinds, all sucking insects, either on plants or animals. 1 gal. \$1.50.

Imperial Soap Spray.—The base of this spray is a soap containing vegetable poisons and particularly effective against red spider on fruit, the rhododendron fly, and all insects affecting the rose. 1 gal. \$2.10.

Lemon Oil Co.'s Standard Insecticide.—Destroys mealy bugs, scale, thrips, red spider, black and green fly, etc. ½ pt. 30c.; pt. 50c.; qt. 90c.; ½ gal. \$1.50; 1 gal. \$2.50; 5 gals. \$10.50.

Lime Sulphur Solution.—A perfect Scale and Fungus destroyer; special for Plum and Peach Trees, which need fall and spring treatment; cures Peach leaf curl. Use during dormant period. Protect the hands with gloves when applying. Dilute with 10 parts of water. Gal. \$1.25; 5 gals. \$4.75; 10 gals. \$7.00; bbl. (about 50 gals.) \$16.50.

Nicoticide.—For killing all kinds of insects on plants in greenhouses and frames. The most easy, safe, and effective method of fumigating greenhouses and frames ever introduced. ½-pt. can \$1.25; 1-pt. can \$2.50; per qt. \$4.50. Fumigators for using above, complete, 60c. each.

Nico Fume.—This is the strongest tobacco paper on the market. Does not injure blooms and furnishes the easiest method for fumigation ever devised. Tin boxes of 24 sheets 85c.; box of 144 sheets \$4.00; 288 sheets \$7.50.

Nico Fume Liquid.—An effective vaporizing liquid, ¼ lb. 50c.; 1 lb. \$1.50; 4 lbs. \$5.50; 8 lbs. \$10.50.

Nikoteen.—An economical and powerful nicotine extract. One part to 600 of water is sufficiently strong to kill all insects, except scale, for which use 1 to 400. Small bottle 25c.; pint bottle \$1.50.

Paris Green.—1 lb. 75c.

Pyrox.—A combined insecticide and fungicide for all leaf-eating insects. Used largely by potato growers. 1 lb. 40c.; 5 lbs. \$1.50; 10 lbs. \$2.75; 25 lbs. \$6.25.

Readeana Rose Bug Exterminator.—Dilute and apply as a spray. Harmless to the most delicate plant. Bottle 50c., \$1.00, and \$2.00; per gal. \$4.00.

Scale Destroyer ("Target Brand").—Especially prepared for the destruction of the San Jose Scale. 1 gal. \$1.50; 5 gals. \$6.50; 30 gals. \$27.00; 50 gals. \$39.50.

Slug Shot (Hammond's).—One of the cheapest and best powders for destroying insects. 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$2.25.

Sulphur, Powdered.—For mildew. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 90c.; 50 lbs. \$4.25; 100 lbs. \$8.00.

Tobacco Dust.—For dusting plants affected with aphis; also used on squash vines and melons. 1 lb. 10c.; 5 lbs. 25c.; 25 lbs. \$1.00.

Tobacco Dust (Stoothoff's).—For burning or dusting; state which is wanted. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.35.

Tobacco Stems.—Bbl. \$1.50; large bale \$3.00.

Tobacco Soap.—For destroying insects, parasites and their eggs, infesting either plants or animals. ½ lb. 25c.

Vermine.—A soil sterilizer and germicide. Destroys eel, cut, wire and grub worms, maggots, root lice and ants. Used one part to 400 parts water, it does not injure plants, but protects your crops against ravages under the soil. Qt. \$1.00; gal. \$3.00.

Weed Killer, Fairmount.—(One gal. makes 40 gals. treating liquid.)

½-gal. tin.....	\$0.85
1-gal. tin.....	1.50
5-gal. keg.....	7.00
10-gal. keg.....	13.00
30-gal. cask.....	33.00
50-gal. bbl.....	47.50

Fish Oil Soap (Good's Caustic Soft Soap).—2 lbs. 50c.; \$1.25 per 5 lbs.; \$4.75 per 25 lbs.

Worm Eradicator, Radix.—Destroys worms in greenhouse benches and in potted plants or for outdoor use. 1-lb. can 60c.

Planet Jr. Farm and Garden Tools

(Prices subject to change without notice)

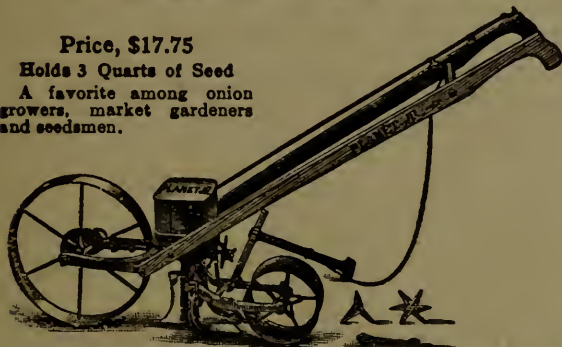
Planet Jrs. are the most economical garden tools you can buy. They are made the best, last the longest, and give the biggest results. Fully guaranteed. New 72-page Catalogue (184 illustrations) free. It gives detailed descriptions of over 55 implements, including Seeders, Wheel Hoes, Horse Hoes, Harrows, Orchard-Cultivators, etc. Send postal for it now.

No. 3 Planet Jr. Hill and Drill Seeder

Price, \$17.75

Holds 3 Quarts of Seed

A favorite among onion growers, market gardeners and seedsmen.



Sows all garden seeds, from smallest up to peas and beans, in hills or drills. A practical time and labor saver. Gives best results with little work.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, Complete, \$18.75

No. 4D. As a Seeder only, \$14.75

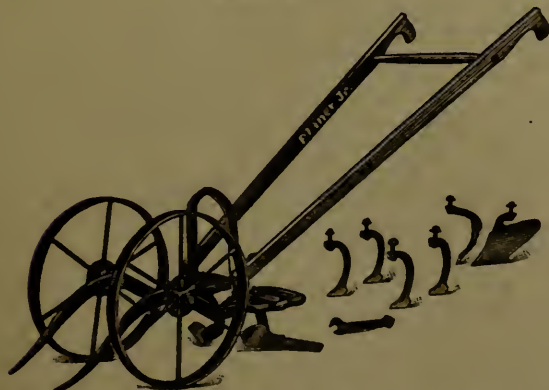
Holds 2½ Quarts of Seed



This tool combines in a single convenient implement a first-class hill and drill seeder, having the same sowing device as the No. 3 Seeder, with a Wheel Hoe, Cultivator and Plow. Popular with gardeners. Fully guaranteed.

No. 12 Combined Double and Single Wheel Hoe, Cultivator and Plow

Price, \$11.75



A Double and Single Wheel Hoe in one. 14-inch steel wheels. Straddles crops till 20 inches high, then can be worked between rows with one or two wheels. The greatest hand cultivating tool made. All Planet Jr. steels are now hardened by a new process, giving longer wearing and easier running tools.

No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow

Price, \$9.75

Weight, 26 lbs.



Steel Frame
15-inch Steel Wheel

We offer these Single Wheel Hoes as the highest type of their class. They have a great variety of tools, which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.

No. 17 Planet Jr. Single Wheel Hoe

Price, \$8.25

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 19 Planet Jr. Garden Plow and Cultivator

Price, \$5.75



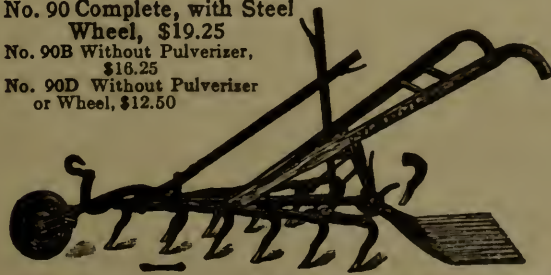
This attractive implement is especially designed for the farmer's garden work, though it offers to every one with either field or garden a cheap and effective tool for wheel-hoe operations. It is light-running, strong, well made, and quickly adjusted. The height of the handles can be changed to suit man or woman, boy or girl.

Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer

No. 90 Complete, with Steel Wheel, \$19.25

No. 90B Without Pulverizer, \$16.25

No. 90D Without Pulverizer or Wheel, \$12.50



Gardeners cultivate better than formerly. It has been found to pay best. With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.

HOSEA WATERER'S SEED CATALOGUE



1919

HOSEA WATERER
SEEDSMAN AND BULB IMPORTER
107-109 SOUTH SEVENTH STREET
PHILADELPHIA

BELL PHONE: WALNUT 1243

WAREHOUSE: 615 SANSOM STREET

KEYSTONE PHONE: MAIN 1545